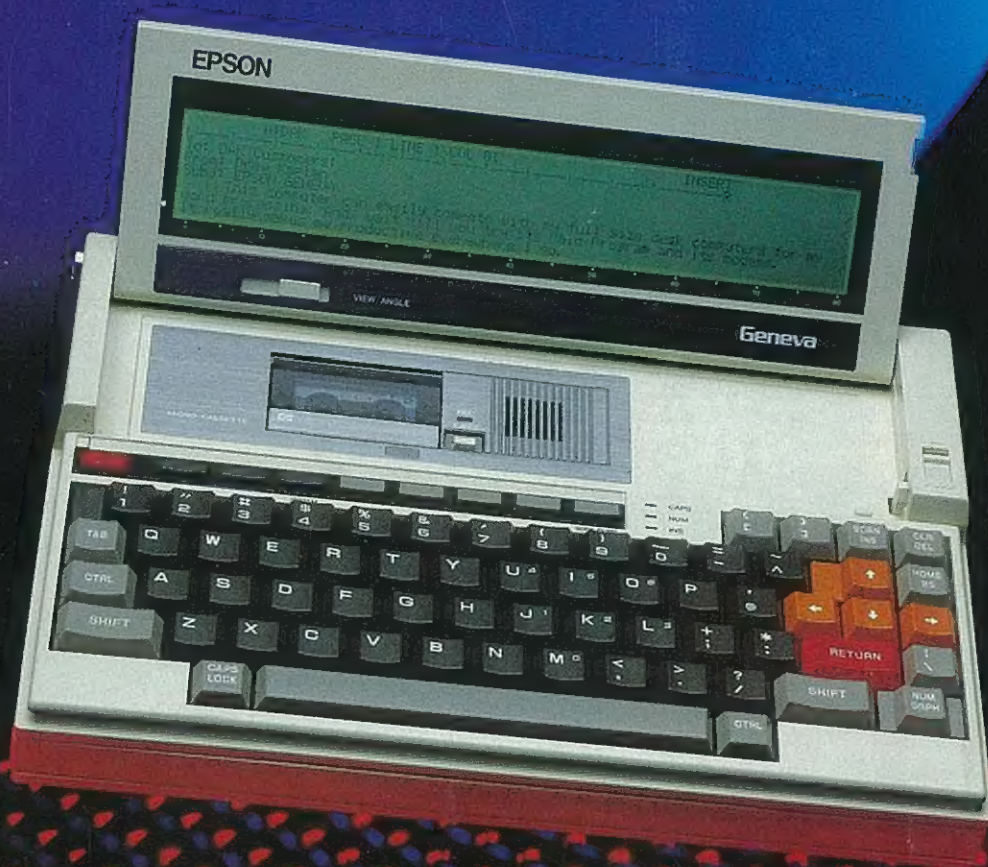




**DAK  
INDUSTRIES  
INCORPORATED**

*Early Winter 87*







# DAK INDUSTRIES INCORPORATED

JB42

8200 REMMET AVE., CANOGA PARK, CA 91304

Dear Mr. S Charles Santoro,

My name is Drew, and I've probably got the neatest job in the whole world.

I'm writing to you because, from the list I found your name on, I think that you may be a lot like me!

I'm sort of the ultimate electronic gadget freak. Plus, I like to be ahead of the crowd. That's why my job is so neat. I get to play with the newest electronic gadgets, usually even before they hit the market.

Virtually everything in my home is remote controlled. And I'm testing computers, VCRs, tape decks, equalizers and lots of other electronic devices in almost every room in my home. (Much to the chagrin of my wife.)

My catalog will take you on a journey through the never never land of new electronic technology. I personally test every product in my own home. And, I write every word in this book.

But don't worry, DAK is a very substantial company. And, your purchases are well protected by our double risk free policy. (See our order form.)

DAK has over 1,300,000 customers, and we've been offering BIG DISCOUNTS on electronics for over 15 years. We have a large friendly staff to take care of all your electronic needs.

But, I choose the products. And, this catalog is all mine. Since I can't actually sit down and talk to you, Mr. S Charles Santoro, I write about both the good and bad parts of each product as if we were talking together.

It's not a bad life that I have, playing with each new electronic breakthrough product. The hard part is selecting only the best products that will make our lives most exciting.

Sincerely,  
DAK INDUSTRIES, INC.

Drew Alan Kaplan  
President





# Computer PT Boat

***It's a swift, incisive, 5 pound powerhouse armed with MicroPro's powerful Wordstar Word Processing and Calc Spreadsheet Programs. This 64K briefcase portable is ready to sink battleship sized desk PCs. Add 2 modems, more software and a superb near letter quality printer, and it's a \$1,968 retail value. Price blasted to just \$699.***

By Drew Kaplan

Attack wasted time. Work where and when you want. Connected to, or competing with a desk top PC, Epson's portable computer is a perfect main computer or companion to one you have.

And competing with a desk top computer for most applications, is no idle joke. Wait till you read about the power and versatility of this computing system.

At only 5 pounds, including its built-in ni-cad batteries, it fits easily in your briefcase, without filling it up.

So, you can have full word processing, spreadsheet analyses/projections, telecommunications and computing power wherever you are, without having to look for a desk or even an AC plug.

Its full size keyboard is 98.6% the size of a standard typewriter, so your hands won't be cramped after hours of typing.

Its non-glare infinitely adjustable, high resolution, full 80 column, 8 line LCD display with full 25 line access, won't give you eye fatigue.



It has battery backed memory in the form of an instant access RAM disk, which you'll use much like a hard disk.

And, it has infinite capability to store files through its unique on-board micro-

cassette drive which functions more like a floppy disk drive than a cassette drive.

Imagine a microcassette drive with a file directory and high speed access to the beginning of the specific file you want. It knows exactly where each file is.

Now, you'll NEVER waste time when you are stuck waiting, traveling on a train, a plane or sitting in a hotel room.

And, most important. By using normally dead time that gets wasted every day, you'll find you have more free time to spend with your family and friends and to pursue your hobbies. Wow!

So, whether you're a writer and/or a company president as I am, or a student as I once was, this computer will let you be incredibly more productive.

If you're an accountant, which I'm not, you can run spreadsheets and models with the 16,384 cell Calc program.

However, you'll be amazed at how easy it is to use this spreadsheet program and all the things it can do for you. It comes with a great tutorial which will have you projecting your own sales, profit, and more in just about an hour.

Just imagine how effectively you can get your ideas across to clients when you can change variable models of their potential costs or profits right in front of their eyes in their own offices or even at a restaurant while you wait for lunch.

Plus there's a scheduler program for setting up appointments with day by day calendar screens that you can print out.

You can even look at a bar chart that shows how you've planned every 1/2

hour for the next 24 days. It's great for slotting in new appointments.

Of course there's a vast reservoir of programs you can buy or even download for free from electronic bulletin boards by using the included modems.



## IT GOES WHERE YOU GO

During the day, you can use it at your desk, in the warehouse or in the field for work. It's simply great for writing, inventory taking or sales forecasting.

At night, take it home to finish a project. Then, you can study your stock portfolio or log onto databases to make airline reservations, check the latest price of gold or the specific history of one of your stocks. You can even get the current S&P Green Sheet Reports.

And, look at this. You can actually  
Next Page Please. . .



...Epson Continued  
look up on-line information about public companies' 10K reports, such as earnings, officers' salaries and trends. Wow, what a great way to keep track of your competition, suppliers and customers!

If you're a student, you'll find a wealth of research information available through your modem on thousands of diverse subjects. There are lots of group forums on-line to help you with educational research. Plus, when you're through studying, you can even log onto a computer dating board and choose your ideal mate.

And look at this bonus. If you're at all shy about using modems, we've included a \$39 value (we sold it for \$24) CompuServe Membership Package, complete with a full manual and \$25 worth of free on-line time.

While many bulletin boards are free, you'll find that learning your way around CompuServe with \$25 worth of free time, will give you a good solid knowledge of how to get the information you want from bulletin boards across the country.



### HOT LINK

You can directly connect this Epson computer to any IBM PC or Clone or virtually any other computer with a serial interface and any standard communication program, simply by using its cable.

You can download (receive) a file from your desk PC to the Epson to take with you, or upload (send) a file from the Epson to your desk PC for your secretary.

In fact, this system is an incredible replacement for a secretary's typewriter. Portable WordStar will let you edit, correct and even move paragraphs or sentences at will. A letter won't have to be re-typed and reproofed if a change is made.

```
not editing
<<< OPENING MENU >>>
D Open a document file  P PRINT a file  T TRANSMIT a file
E Open a non-document file  O COPY a file  C RECEIVE files
L Change logged drive      Y DELETE a file  X EXIT to system

<<< MAIN MENU >>>
--Cursor Movement--  --Miscellaneous--  --Other Menus--
"Z char left "Z char right  "G char  "I TAB  "B Reform  "X Block
"i word left "P word right  DEL chr LP: "V INSERT ON/OPP  "O Onscreen
"R line up "X line down  "C word rlt "R Red/Repice again  "P Print
--Scrolling--
"V up line  "Z down line  "Y line  RETURN End paragraph  "Q Quick
"V up screen "Z down screen  "U Stop a command  F Screen menu
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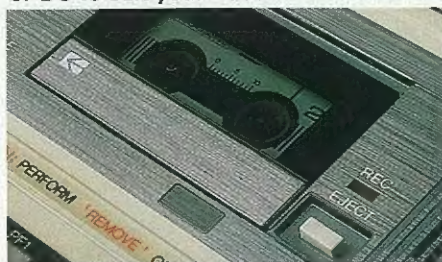
If you already use WordStar, you know why it's the most popular word processing program in the U.S. If you use another program, don't despair. You can still send the file. You'll just have to use it under the commands of your program.

### ALL THE THINGS YOU'LL GET

Epson's 64K Geneva Computer has a suggested retail of \$995. It is just 1.87" high, 11.58" wide and 8.42" deep. It has 3 CPUs. It has 72 keys. Plus 'Number Lock', lets you have a standard 10 key pad for fast entry of numerical data.

No matter where you use Epson's computer, you'll have up to 10-20 uninterrupted hours of computing from its internal ni-cad batteries. Then it will automatically shut down. Even after battery-low shutdown, your memory will be protected by the internal backup battery.

Of course, the AC adaptor/charger is included. So, you can operate from AC or DC to suit your needs.



Geneva's microcassette drive gives you a choice of storing your files on the RAM disk or on microcassettes. The on-board microcassette drive uses standard 30 or 60 minute microcassettes.

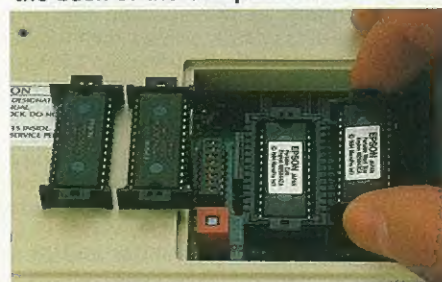
Just one 30 minute tape will store up to 50,000 bytes of information (about 25 pages of text).

And, don't forget, this intelligent machine actually stores a directory at the front of each cassette and in RAM. You can directly access any whole file without having to search a whole cassette.

This computer will power off after 10 minutes if you don't enter data to save its batteries. (Shut off time is adjustable.) Just flip a switch and you'll be exactly where you were when it powered down.

It can use its on-board clock to turn itself on. And, if you type in a password, your information will be secret.

This \$995 Computer comes complete with 4 powerful software programs plus a group of Utility Programs. The programs are stored on ROM Chips that simply slip into either of 2 sockets on the back of the computer.



Again, like a hard disk, these ROM chips are fast and load automatically. You get Portable WordStar, Portable Calc and Portable Scheduler. Plus you get a powerful form of Basic. This system can run virtually any CP/M programs.

You can write very sophisticated programs in Basic. This advanced Basic is so powerful that it even supports such obscure extensions as Inkey\$. And, it supports sound, so you can even finish Schubert's 'Unfinished Symphony'.

Here's just one menu from the Utility Programs Rom.

There are two ports on the back of the Geneva. One is a serial port for the optional disk drive(s). The other is a fully programmable RS232 serial port for the superb printer we have included. Or, you

can use it to communicate with other computers and external modems.

Of the total 64K in this computer, you can actually store files in a 24K RAM disk. The balance of RAM is used for running your programs. But, don't fret, there is lots more RAM and power to come.

### THE FLYING WEDGE

A 24K RAM disk may sound like a lot of writing to some. But if you write as much as I do, you're sure to want more.

Another reason for more RAM is that WordStar creates back-up files which occupy memory space.

Back-up files are really great, because if you are editing a file you've written and you really mess it up, you can go back and get your untouched back-up file and start over. So read on for more memory.

Epson makes a \$360 accessory (included) called a Multi-Unit which gives you a 64K RAM disk and leaves all the RAM within the computer free for processing.

It's a small wedge that attaches to the bottom of the computer and doesn't increase its footprint on your desk at all.

And there's more. The 1st modem I described earlier is included inside the Multi-Unit Wedge. It's a 300 baud auto-answer, auto-dial, Tone & Pulse Modem.

It's a terrific modem that comes with a modular phone cable that you plug into any standard phone jack and away you go.

Well you won't go far, since Epson doesn't include a modem program. The modem program is a \$79 value. We've included one that lets you dial in Tone or Pulse, and send or receive files. It's very sophisticated but it's very easy to use.

And oh yes, the Multi-Unit has one more feature. It has a 3rd ROM slot for the Utility ROM. So, you can keep 2 programs loaded in the computer. You can swap ROMs in less than 10 seconds, so it's no big deal, but an extra slot is nice. Once attached, the Multi-Unit actually becomes part of the computer.

### GENEVA USER'S GROUP

There is a terrific guy who knows just about everything about the Geneva, including where to find all types of software for more diverse applications.

It's a free bulletin board. If you have a modem now, you can log on by dialing 1-313-538-6968. The SysOp, as system operators are called, can answer questions and even supply you with public domain software.

He's been an incredible help to me and he's got everything from a spelling dictionary to an outline formatter to games. He can even produce ROMs for you or direct you to various bulletin boards you'll find of interest.

Since he doesn't work for DAK, I can't guarantee he'll always be there, but he has been for me, and at least you'll get a running start on doing a whole lot more than you, or frankly Epson, probably ever imagined with this computer.



Here's the 2nd included Modem. It's an external Acoustic Modem.

One last word about modems. If you're  
Next Page Please. . .



...Epson Continued on the road, you may need Epson's \$129 acoustic coupler modem. It fits on pay phone and hotel room handsets (the rounded traditional kind only).

It's a 300 baud modem that you can use with any computer. It has its own internal ni-cad batteries and its own charger. Wow, this is some system.

#### PRINTER HEAVEN

We've acquired a superb \$299 List Price NLQ (Near Letter Quality) printer from Seikosha, Epson's sister company. It can take single sheet plain paper or letterhead or fan fold computer paper.

And its printing is so good that I think Near Letter Quality doesn't do it justice.

It's fast, quiet and easy to use. It's AC powered. It has a Self Test Mode, Bold, Underline, Condensed and Expanded Type capabilities. It's a superb value at \$299, but to be honest, I've seen it selling for as little as \$199.

This printer is the best NLQ printer I've used. I'm proud to have my important business letters produced on this printer mailed from my office.

I can't overemphasize what a powerful word processing system this is. You can even do text screen dumps (print out exactly what you see on the screen).

#### AND YOU THOUGHT THAT WAS ALL

Epson didn't include free cables to connect any of these devices, but we have. You'll get a \$29 cable to connect the Geneva to the printer or to your desk top computer.

But, does your computer have male or female Serial plugs? Well I don't know, so we've included a \$19 Gender Bender so you can connect to male or female.

For external modem use, you'll need what's called a Flip (included). It's a \$19 value and it makes Epson's cable suitable for a modem. So, wherever you take your Geneva, you can plug in.



#### THE BEST FREE PART OF ALL

We've written an easy to understand, step by step instruction book that basically instructs you how to take the computer out of the box and how to plug it in.

Then in step by step detail, you'll get into each facet of its basic capabilities.

Of course, you'll get a massive set of individual instruction and reference manuals from Epson and MicroPro too.

By the way, if you suffer from fear of spreadsheets and modeling, in an hour you'll be a confirmed user. MicroPro's Calc tutorial is fabulous.

#### WHY SO CHEAP?

It's a terrific \$1,968 system. And, that's just the problem. Epson designed and built very sophisticated equipment. But they relied on salespeople to explain what was needed to consumers.

Many salespeople don't understand why you need each component and what it does. So, only the very sophisticated

consumers who figured it out themselves were able to put together a really productive system.

Enter DAK. Epson was stuck with 6714 computers. We made them a ridiculously low offer (we frankly didn't think they'd accept) for everything. Well, 6714 computers isn't very much to a company the size of Epson, so they accepted.

Then, we sifted through all the components and chose just the most useful, added the printer, the cables and the programs required and slashed the \$1,968 retail price down to just \$699.

Every Epson Component is backed by Epson's standard one year limited warranty. And, the printer is backed by an almost unbelievable 2 year limited warranty from Seikosha.

#### THE COMPLETE COMPUTER SYSTEM RISK FREE

Wait till you experience the power and your own increase in productivity, as I have. I'm amazed at the amount of work I can get finished in half hour segments if I'm stuck at a restaurant or during unexpected breaks between meetings.

What's even more exciting, is that instead of transferring the work to my PC when I get home, I like the keyboard on the Geneva so well that I'm finishing what I start, right on the Geneva.

Just imagine working at your desk, on the patio or in a hotel room. I actually wrote an ad on a flight from Atlanta to Boston. I'm 100% sold on this computer.

If you're not 100% satisfied with its typing or computing or communications capabilities, simply return it in its original boxes within 30 days to DAK for a refund.

To order your Epson Geneva 64K portable computer complete with Portable WordStar, Calc, Scheduler, Basic and CP/M Utilities, On-Board Direct Access Microcassette Deck, Built-In Ni-Cad Batteries, AC/Charger Adaptor, Extra 64K RAM Disk Wedge with 300 Baud Modem, External 300 Baud Acoustic Modem, Communication Software, NLQ Sheet and Fanfold Printer, plus Cable and Connectors, forget the suggested retail price of \$1,968. Call toll free or send your check for just \$699 plus \$18 for P&H. Order Number 4610. CA res add tax.

#### OPTIONS

Once you attach the Multi-Unit Wedge or options below, the computer initializes itself to the installed component. So, the following 2 options are instead of, not in addition to, the Multi-Unit.

If you don't need the extra 64K RAM disk memory, you can have the complete system with a Wedge that contains only the Modem for just \$629 (\$18 P&H) Order No. 4611.

If you don't need a modem and you're into writing long novels, we have the complete system less the modem and CompuServe package but with a Wedge that gives you a 120K RAM disk (Wow!) for just \$799 (\$18 P&H) Ord. No. 4612. Note: You can still use an external modem.

For the many people who already own basic Genevas, you can purchase the \$460 retail, 120K RAM disk for just \$200 (\$5 P&H) Order No. 4613.

#### OPTIONS FOR EVERYONE

For massive storage we have Epson's state of the art 3 1/2" floppy disk drive. It's rated at 320K. It has internal Ni-Cad Batteries and an AC Adaptor/Charger. Ep-

son's retail is \$599, plus \$19 for the Cable and \$17 for the Utility Disk for the drive. It plugs directly into the Geneva's serial port and boots automatically. This \$635 value is yours for just \$189 (\$5 P&H) Order No. 4614. Note: You may connect up to two disk drives.



A box of 10 Double Sided Double Density 320K Floppy Disks is just \$34 (\$1 P&H) Order No. 4615. Note: 3 1/2" disks are the standard format for many of the newest computers.

High Grade Microcassettes for the cassette drive are available in 30 and 60 minute lengths. They come in hard plastic boxes. 30 minute microcassettes are just \$2.90. (\$0.50 P&H). Ord. No. 4616. 60 minute microcassettes are just \$3.90. (\$0.50 P&H). Ord. No. 4617.

The Seikosha printer comes with a unique long life ribbon (up to 2 1/2 million characters). Extra ribbons are just \$7 (\$1 P&H) Order No. 4618.

You'll buy or download software as you broaden your computing needs. Epson had some great programs in stock.

You can have Travelers Pack: Time, Appointment, & Expense manager which is fabulous for a lot of reasons. But, if you bill your time, it lets you feed in projects and multiple billing amounts for each client. Each program is on its own ROM and it's a \$139 retail value. It's yours for just \$29 (\$2 P&H) Order No. 4619.

Epson even had a small supply of Ashton-Tate's dBase II on ROMs for the Geneva. It's a sophisticated relational database management program. It's file compatible with desktop dBase II versions. It's a \$469 retail value that's yours for just \$199 (\$3 P&H) Order No. 4620.

Epson also has Ashton-Tate's dBase II on ROMs which is a less expensive version of dBase II with most dBase II functions. It's also file compatible with desktop versions of dBase II. It's a \$329 value that's yours for just \$129 (\$3 P&H) Order No. 4621.

As you can see from the above software, the Geneva can run even the most complex, sophisticated programs. It makes duck soup out of most of the standard \$20 to \$99 programs you'll find.

For your desk, your home or for the great outdoors, you'll be able to write, forecast, and compute with mammoth power and in real style. Like a PT Boat, this computer moves in fast and does the job while it lets you escape the chains of traditional deskbound PCs.



**DAK INDUSTRIES INC.**

Call Toll Free For Credit Card Orders Only

24 Hours A Day 7 Days A Week

**1-800-325-0800**

For Toll Free Information, Call 6AM-5PM Monday-Friday PST  
Technical Information... 1-800-272-3200  
Any Other Inquiries... 1-800-423-2866  
8200 Remmet Ave., Canoga Park, CA 91304



# Escort Refuses!

Dear Customer, From: Drew Kaplan

Escort turned down our \$10,000 head to head challenge described below. Escort says that Maxon's Radar Detector is "primitive", "bottom-end" and "an off-shore produced electronics 'gadget' ". I don't know about you, but to me these words conjure up visions of a cheap toy being produced off in the middle of a rice paddy somewhere in the middle of nowhere.

Escort, on the other hand, which is made in the U.S., exudes a high cost, quality image. Don't you just bet that it costs a fortune to build Escort and Passport (the smaller version)?

Well, we are going to challenge Escort AGAIN to a head to head 'duel to the death' on Maxon's electronic merits alone. And, we plan to win. But first there are a few things you should know.

Cincinnati Microwave, the company that makes Escort & Passport, is a public company. And being public, they have to file financial information with the SEC.

The public information they have published appears to show that in the year that ended Dec. 1985, Cincinnati Microwave with "substantially all of its revenues and profits derived from the sale of radar warning receivers" made an operating profit of about \$45,810,000 on sales of about \$112,605,000. Wow!

The \$45 million profit is after all engineering, selling and General & Administrative expenses, but before taxes.

Their cost of sales (goods) was only about \$40,027,000. So, if you divide \$40,027,000 by \$112,605,000 it doesn't take a genius to figure out that cost of goods represents an average of only about 35.5% of selling price. Wow!

I only bring up their profit to illustrate that a high retail price doesn't always

mean a high manufacturing cost.

There's no question in my mind that Maxon can manufacture cheaper in an off-shore 'rice paddy', but if you pay \$245 for Escort or \$295 for Passport, it should be based on a head to head test with Maxon, not on perceived retail price points.

## FORGET PRICE COMPLETELY

So, forget that Escort costs \$245, Passport \$295, and Maxon \$99<sup>90</sup>. Let's judge them on their own merits. And, let's look at just what Escort itself has to say about our challenge. (Please read DAK's and Escort's letters to the right.)

Escort says that, "Regardless of the results, such an event lends credibility to the challenger." Well, they are absolutely correct. That's why I put up the \$10,000 in the first place. Fair is fair.

Plus, there are several radar detectors that claim to have won this or that ranking in "Independent Magazine Reviews." So, I'm ignoring any reviews and asking for a one on one, head to head test.

**But look at what Escort says in their letter:** "Range is the easiest detector quality to measure, but by no means the only important quality." Wow, I thought range was really important?? Escort refers to "goodness" being determined by things not so easily measured.

Well frankly, I don't know how to measure "goodness". Escort, in my opinion,

is a top notch company. They make a superb product I'd be proud to sell. And, they have great customer service.

DAK has great toll free technical and regular customer service. But, I'd be the first to admit that with over \$45 million in profits, Escort can probably run circles around us in advertising, and maybe even in service. But, I don't think they can beat Maxon's Radar Detector.

## HOW GOOD IS GOOD?

When Escort was introduced, it was revolutionary. But, you can only go so far. And in my opinion (someone else might object), radar detecting has gone about as far as it can go. So, while Escort has made improvements, it's Maxon who has moved mountains to catch up.

## DAK UPS THE ANTE TO \$20,000

Now I realize that next to \$45 million dollars, \$20,000 isn't much, but it's a lot to DAK. And, I'll even go one step farther. I'll print the exact results of the test, win, lose, draw, or no-show in the first catalog I publish after January 1, 1987.

Escort, the ball is now in your court. Below is the "NEW" version of my challenge with the time and amount changed.

I don't know what else DAK or Maxon can do to prove that the RD-1 Superheterodyne Detector should be judged on its head to head performance against Escort, not on its selling price!

WAS \$10,000

# A \$20,000 Challenge To Escort

**Let's cut through the Radar Detector Glut. We challenge Escort to a one on one Distance and Falsing 'duel to the death' on the highway of their choice. If they win, the \$20,000 (was \$10,000) check pictured below is theirs.**

By Drew Kaplan

We've put up our \$20,000 (was 10). We challenge Escort to take on Maxon's new Dual Superheterodyne RD-1 \$99<sup>90</sup> radar detector on the road of their choice in a one on one conflict.

Even Escort says that everyone compares themselves to Escort, and they're right. They were the first in 1978 to use superheterodyne circuits and they've got a virtual stranglehold on the magazine test reports.

But, the real question today is: 1) How many feet of sensing difference, if any, is there between this top of the line Maxon Detector and Escort's? And 2) Which unit is more accurate at interpreting real radar versus false signals?

So Escort, you pick the road (continental U.S. please). You pick the equipment to create the false signals. And finally, you pick the radar gun.

Maxon and DAK will come to your highway with engineers and equipment to verify the results. And oh yes, we'll have the \$20,000 check (pictured) to hand over if you beat us by more than 10 feet in either X or K band detection.

## BOB SAYS MAXON IS BETTER

Here's how it started. Maxon is a mammoth electronics prime manufacturer. They actually make all types of sophisticated electronic products for some of the biggest U.S. Electronics Companies. (No, they don't make Escort's).



Bob Thetford, the president of Maxon Systems Inc., and a friend of mine, was explaining their new RD-1 anti-falsing Dual Superheterodyne Radar detector to me. I said "You know Bob, I think Escort really has the market locked up." He said, "Our new design can beat theirs".

So, since I've never been one to be in second place, I said, "Would you bet

\$20,000 (10) that you can beat Escort?" And, as they say, the rest is history.

By the way, Bob is about 6'9" tall, so if we can't beat Escort, we can sure scare the you know what out of them. But, Bob and his engineers are deadly serious about this 'duel'. And you can bet that our \$20,000 (was \$10,000) is serious.

...Next Page Please



...Challenge Continued  
**We ask only the following.** 1) The public be invited to watch. 2) Maxon's Engineers as well as Escort's check the radar gun and monitor the test and the results. 3) The same car be used in both tests. 4) We'd like an answer from Escort no later than December 31, 1986 and 60 days notice of the time and place of the conflict. And, 5) We'd like them to come with a \$20,000 (was \$10,000) check made out to DAK if we win.

into action in just 1/4 of one second. Just imagine the sophistication of a device that can test a signal 4 times in less than 1/4 of one second. Maxon's technology is mind boggling. **But, using it isn't.** This long range detector has all the bells and whistles. It has separate audible sounds for X and K radar signals because you've only got about 1/3 the time to react with K band. There's a 10 step LED Bar Graph Meter to accurately show the radar signal's

And you'll have a very high level of protection. Maxon's Dual Conversion Scanning Superheterodyne circuitry combined with its ridge guide wideband horn internal antenna, really ferrets out radar signals.



By the way Escort, we'll be happy to have our test around a bend in the road or over a hill. Maxon's detector really picks up 'ambush type' radar signals.

And the key word is 'radar', not trash signals. The 4 test check system that operates in 1/4 second gives you extremely high protection from signals from other detectors, intrusion systems and garage door openers.

So, when the lights and X or K band sounds explode into action, take care, there's very likely police radar nearby. You'll have full volume control, and a City/Highway button reduces the less important X band reception in the city.

Maxon's long range detector comes complete with a visor clip, hook and loop dash board mounting, and the power cord cigarette adaptor.

It's much smaller than Escort at just 3 1/2" Wide, 4 3/4" deep and 1 1/2" high. It's backed by Maxon's standard limited warranty. Note from Drew: 1) Use of radar detectors is illegal in some states.

2) Speeding is dangerous. Use this detector to help keep you safe when you forget, not to get away with speeding.



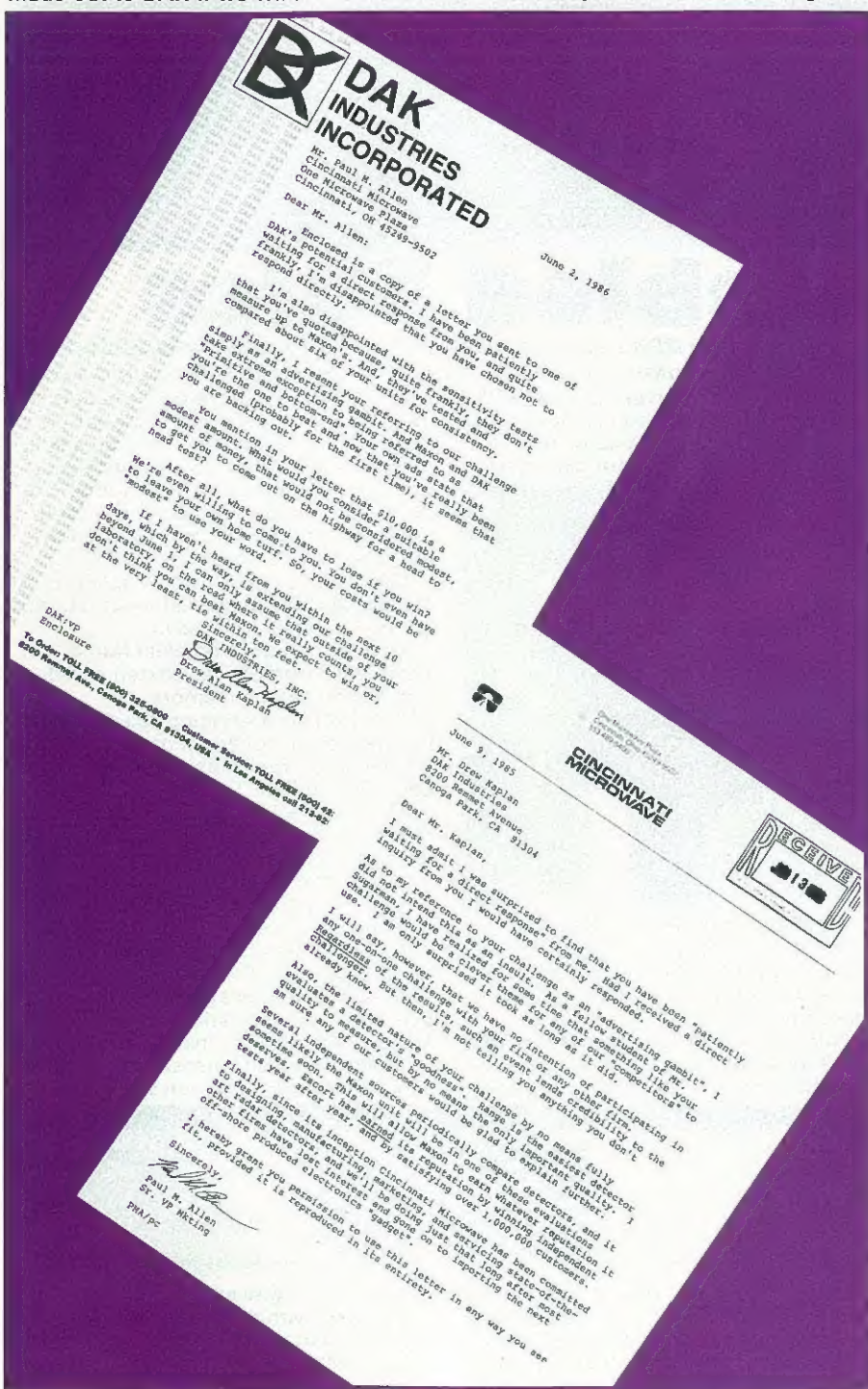
### CHECK OUT RADAR YOURSELF RISK FREE

Put this detector on your visor. When it sounds, look around for the police. There's a good chance you'll be saving money in fines and higher insurance rates. And, if you slow down, you may even save lives.

If you aren't 100% satisfied, simply return it in its original box within 30 days for a courteous refund.

To get your Maxon, Dual Superheterodyne, Anti-Falsing Radar Detector risk free with your credit card, call toll free or send your check for just \$99<sup>00</sup> (\$4 P&H). Order No. 4407. CA res add tax.

OK Escort, it's up to you. We've got \$20,000 (10) that says you can't beat Maxon on the road. Your answer, please? Escort and Passport are registered trademarks of Cincinnati Microwave.



### SO, WHAT'S DUAL SUPERHETERODYNE?

Ok, so far we've set up the conflict. Now let me tell you about the new dual superheterodyne technology that lets Maxon leap ahead of the pack.

It's a technology that tests each suspected radar signal 4 separate times before it notifies you, and yet it explodes

strength. And, you won't have to look at a needle in a meter. You can see the Bar Graph Meter with your peripheral vision and keep your eyes on the road and put your foot on the brake.

So, just turn on the Power/Volume knob, clip it to your visor or put it on your dash. Then plug in its cigarette lighter cord and you're protected.



**DAK INDUSTRIES**

Call Toll Free For Credit Card Orders Only

24 Hours A Day 7 Days A Week

**1-800-325-0800**

For Toll Free Information, Call 8AM-5PM Monday-Friday PST

Technical Information... 1-800-272-3200

Any Other Inquiries... 1-800-423-2866

8200 Remmet Ave., Canoga Park, CA 91304





# Unscrambled Skies

**Now you can bring the heavens into your living room with BSR's totally automated 10½ foot Stereo Satellite System. Forget all the complicated things you've heard like declination, azimuth and magnetic variation. BSR's top of the line, remote control system does it all, automatically. And, it even comes with the M/A-COM Videocipher® decoder.**

By Drew Kaplan

It's fantastic. It's the most exciting product I've ever offered. And, it simply offers the most abundant source of entertainment choices in the world.

You'll see the same signals that networks, cable companies and movie stars get. You'll see live feeds and blacked out games, and lots of movies. Plus, you'll see bloopers that never get onto TV.

You'll have a virtually limitless variety of programming to choose from while you sit in your favorite easy chair.

And for just \$10, I'll send you a VHS video tape that shows you just how easy it really is to install this system. It's a step by step installation guide. And, when you purchase this system, I'll include a 3 month credit for HBO® to use on your included descrambler.

## LIKE NO OTHER

This system is like no other satellite system I've ever seen. I've put in 4 satellite systems in the last 3 years. And, it's taken me up to 2 days to find a satellite.

First you have to figure out your longitude and latitude, then use a compass to find south. Then call your local airport and calculate the magnetic variance.

If this all sounds complicated, there's more. Once you've found your first satellite, there's no guarantee that you'll find the other 18 or so. (By the way, there's a weekly guide that shows you many of the programs that are available.)

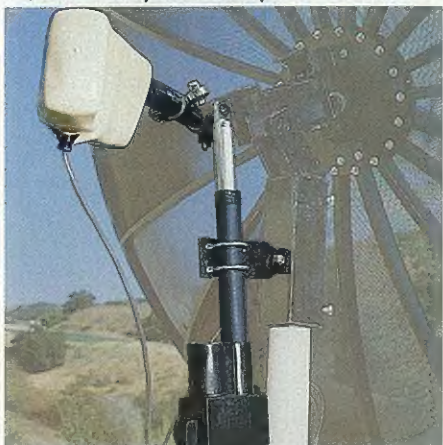
Anyway, even once you've found all the satellites, not all of them will be perfectly lined up. You see, virtually all other satellite systems are either manually cranked or use a single motorized actuator to move the dish along a fixed path.

Actually, that's not wrong, because the satellites are in a fixed path in space, about 25,200 miles above the equator.

The problem is that whether you, or a professional, install your dish, slight azimuth variations occur and you can get some fuzzy reception or lose satellites.

Well, no more. Not only has BSR developed the most advanced state of the art system, complete with the M/A-COM Videocipher® descrambler, they have

developed a logic controlled, dual actuator system to automatically find, lock in, and always re-lock your satellites.



## ARTIFICIAL INTELLIGENCE

Before we talk about descrambling, and the other sports, movies, shopping and news channels, let me tell you how smart this system is.

While many satellite companies that aren't descrambler compatible are going out of business, BSR is coming on strong.



**Neither Rain nor Snow.** In freezing weather or torrid heat, this system automatically lets you lock onto satellites.

Let this system take a bow for excellence, because that's exactly what it does.

Picture this. When you turn it on for the very first time, it bows all the way down, then it raises itself all the way to the top. Then it faces east and then west.

What it's doing, is making a grid of the sky. It counts the pulses of its actuator motors to form a mental map of the sky.

Then it starts a search of the heavens looking for satellites. At this point, with

most other systems, you'd be out on a ladder worrying about declination, trying to find a signal while your helper yells to you when he thinks he sees something on the TV. I know, I've done it 4 times.

Anyway, the dish will move up and down, to the side, and up and down again.

When the system finds a satellite, it microscopically moves all around it, till it has it perfectly locked in.

Then, simply push Satellite Name, and enter the name of the located satellite into the receiver's memory.

Yes, virtually everything you do is held in the receiver's one year battery backed up memory. Everything from Parental Lock Out, to Fine Tuning.

Then you tell the Receiver to find another satellite. This, by the way, is all called a **Level 3 Search**. This system will locate all the satellites in the sky.

## ALL THE TIME

Originally, satellite systems were only popular on farms and in rural areas because cable wasn't available.

But with the massive programming available and easy installation, these systems moved into the suburbs and the cities.

When scrambling first started, satellite sales dropped by as much as 90%, even

though only a few stations scrambled.

But now, with the Videocipher® available, you can inexpensively watch even the scrambled channels and still receive the gigantic mass of unscrambled exciting entertainment from the sky.

**And, here's where the dual actuators really come into play.** You can perform a **Level One Seek**, which is a 'fine tuning' of dish aiming position from the remote, by simply pushing the satellite code.

So, if there are high winds, if there's been a large temperature swing, or you name it, the dish will move microscop-





ically up and down and back and forth to perfectly lock in any satellite.

This is the big advantage of this system. First it memorizes the position of all the satellites. Then it fine tunes its position. And, you can ask it to re-fine tune the signal any time you want.

#### WORLD CLASS PROGRAMMING

Imagine 19 satellites 25,200 miles up in the sky, each with a capability of carrying up to 24 channels. That's 456 possible channels. Wow!

Realistically, there are only about 100 to 150 in actual use most of the time, and, as you've probably heard, 10 to 20 channels are scrambled.

If you're like me, you flip channels on regular TV. Imagine having up to 456.

Flip through the interesting channels on each satellite. And, you can flip from satellite to satellite just as easily as you can from channel to channel.

There are Up and Down Buttons for stations and East and West Buttons for satellites. It's really exciting.

#### A VERY PARTIAL LIST OF VIDEO SERVICES

ABC Network, AG Day, Alaska Satellite, American Christian TV, American Exstasy Channel, American Movie Classics, American Music Ent. Net., Armed Forces Satellite Network, Arts & Entertainment, BBC News, BCTV Vancouver, BizNet, Bravo, Cable News Network, Cable-SPAN, Cable Value Network, Caribbean Superstation, Catholic Television Network, CBN Cable Network, CBS Network, Cinemax, Computer Dist. Network, Country Crafts Showcases, Country Music TV, Discover Channel, Disney Channel, ESPN, Eternal World TV, Fantasy Network, Financial News Network, Galavision, Health Info. Network, Heartbeat Network, Hit Video USA, HBO, Home Shopping Network, Home Sports Ent., Home Team Sports, Home Theater Network, Hospital Satellite Network, House of Commons, Independent Network News, Learning Channel, Madison Square Garden Network, Movie Channel, MuchMusic, NASA Select TV, Nashville Network, NBC Network, and on and on and on.

#### MUCH MORE AND STEREO

Wow, there's so much more. Plus, there are separate audio stations too.

You'll have phenomenal STEREO now! For both video and audio, you'll have fabulous sounding stereo. There's no need to buy a stereo TV. There are outputs for your stereo system, your video recorder(s) and of course, your TV.

You'll have more STEREO video entertainment than you can imagine, and a wide variety of great sounding audio.

#### THE SYSTEM

Start with BSR's sophisticated top of the line Receiver pictured at the top of both pages. It memorizes everything.

If you look at its displays, you will see that it is on Satellite F3, channel 24, and it's receiving a stereo signal on frequencies 5.75 and 5.58MHz. The receiver finds the frequencies automatically.

You can change channels by touching the Up/Down buttons, or move from one satellite to the next by pushing the East/West buttons. From the remote, you can do the same as well as have direct access to any satellite or channel.

Next you have M/A-COM's famed Descrambler. It hooks to the receiver with a few included patch cords. It activates automatically to decode any scrambled channels that you elect to subscribe to.

The problem with scrambling wasn't the nominal cost of a few pay channels. It was the \$399 cost of this decoder and the lack of availability. It's included.

You don't have to touch it once you've subscribed, it's totally automated.

The Antenna is the latest polar mount 10½' mesh dish. It has a top quality LNB

and a ferrite polarizer. It is a superb reception device.

It has 2 actuators to automatically position it. And, they are automatically controlled directly from the receiver.

What is particularly nice is that this large dish won't upset your landscaping, because you can see right through it.

Finally, we've included a 125' cable so you can put your dish just about anywhere.

You'll have better than broadcast TV on most channels, and with a 10½ foot dish, you should have very good reception, even on the weakest satellites.

After all, you're picking up the same signal as a cable company. This is a heavy duty, industrial quality system.



#### INSTALLATION

Ok, you or your handyman (person) has got some work to do. Earlier I mentioned a step by step video tape that will show you what to do. It really is easy. But to be honest, you've got a full day's work.

You need NO ELECTRICAL KNOWLEDGE! You just need a few screwdrivers and wrenches and you are ready to go. Frankly there are a lot of nuts and bolts to assemble (it's like an erector set), but nothing is difficult or complex.

Most of the work can be done by one person, but 2 makes it easier. And when you lift the dish onto the pole (it weighs about 75 pounds), a third person is nice.

You don't need anyone who has ever set up a dish before. The hard part of most other dishes is finding the satellites. All you need to be able to do is simple assembly, and you're ready to go.

This dish mounts on a 4" diameter piece of steel pipe that's available at any plumbing supply house.

So, that's it for installation. As you can see, it's all simple mechanics, all the electrical takes care of itself. You just connect safe low voltage wires.

Oh yes, one more thing. You'll need a view to the south for the dish. (I've included a compass with the video tape if

you need it.) So if you walk outside your home, and if you can see sky generally to the south, you should be in good shape.

And, don't forget, you won't ever be alone when you buy from DAK. If for any reason you have a question while you are assembling the system, just call the DAK toll free technical hot line.

#### THE MOST ENTERTAINMENT EVER RISK FREE

I have 29 channels of cable TV. But, I use a dish. You'll have more choices than you can possibly handle, all hours of the day or night. So, if you want an astounding choice of what you watch, this is the ultimate system for you.

If you're not 100% satisfied, simply

return it to DAK within 30 days in its original boxes for a courteous refund.

To order your BSR Remote Stereo Satellite System, complete with BSR's Receiver Satellite Positioner, M/A-COM Descrambler, 10½' Dish, Dual Actuators, LNB, 125' Cable, Video Cassette and Written Step By Step Instructions, 3 Month HBO® Credit, and a One Year Limited Warranty from the Manufacturers, risk free with your credit card, call toll free or send your check for DAK's breakthrough price for everything of just \$2,000 (\$120 P&H) Order No. 4664. (It's UPS shippable.) CA res add tax.

If you'd like to think about the system, no problem. Order the tape for just \$10 (\$3 P&H) Order No. 4665. It's backed by our 30 day return policy too.

Never, I repeat Never has there been more entertainment with such top of the line quality. You'll enjoy its astonishing array of entertainment for years.



**DAK INDUSTRIES INC.**

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8200 Remmet Ave., Canoga Park, CA 91304





# Time Treasures

*Here are watches that travel to the board room, around the world, and to the bottom of the ocean. Electronic quartz makes them accurate, fine craftsmanship makes them reliable, and great designing makes them fashionable.*

By Drew Kaplan

First a confession. I've been wearing one of Innovative Time's sophisticated Pulse Watches for a couple of years.

If you've been reading my catalogs, you know that I'm into function, not fashion. But, I am a diver. And, when Innovative Time showed me these new Fashion Dive watches, to use my own words, they knocked my socks off.

The 4 watches pictured at the top of the page are water resistant to 660 feet. Both the men's and the smaller women's models have moveable, one-way ratcheted time ring bezels for accurate bottom time measurements.

But there's much more than bottom time. Frankly, these watches look so good that they are really the latest in fashion dress watches.

Their lavish married tones are truly stunning. The 'Executive' combines the elegance of stainless and gold-tone, while the 'Consultant' captures understated elegance with black and gold-tone.

Of course, the bands and watch bodies are finely crafted solid stainless steel for years of great looks and rugged use.

Each has an analog movement which

is precisely controlled by a quartz crystal. Each watch comes with a long life battery in place which lasts up to 3 years for the men's and 2 years for the women's.

These elegant analog timepieces show the date, have second hands, plus luminous hands and numeral markers.

They are terrific looking and a real treasure at just \$69<sup>90</sup>.

## MILITARY TRUCK STOP

From elegant, we move to explosive. This black watch is built to withstand anything short of an explosion.

It is water resistant to 1625 feet. We've even rolled a truck over it. If you want a digital watch that can really take abuse and still work flawlessly, this is your watch.

It's a large watch. It won't hide on your wrist. It has all the digital features, including Time, Date, Day, Alarm and Stop Watch Functions with Lap Timer. It has a 2 year battery in place.

But this watch's real claim to fame is its virtual indestructibility. It's built like a tank. It's yours for an incredible \$29<sup>90</sup>.

## WORLD TIME CLASSIC

Here's a truly refined elegant watch. It's also very smart. Not only does its analog movement boast electronic quartz accuracy with a 3 year battery, but it displays world time as well.

While the conventional minute, hour, and second hands show you your current time, the moving circle within the face shows the time anywhere on earth.

Just adjust the rotating outer bezel so that the I.D. for your time zone matches the inner wheel, and then every city/time zone will be displayed. But to be honest, I just like its classic good looks.

And, if good looks aren't enough, it's water resistant to 330 feet, so you can use it anywhere with confidence. Here's pure elegance for just \$99<sup>90</sup>.

All these fine watches come with a one year standard limited warranty.

## CHOOSE YOUR TREASURE

### RISK FREE

I'm awed by what's happened to watches this year. Whichever one you choose,



you'll have superb quartz accuracy, elegant good looks, and great utility. And, the his and hers are great gifts.

If you're not 100% satisfied, simply return the watch in its original box within 30 days for a courteous refund.

Order your choice(s) risk free with your credit card, or call toll free.

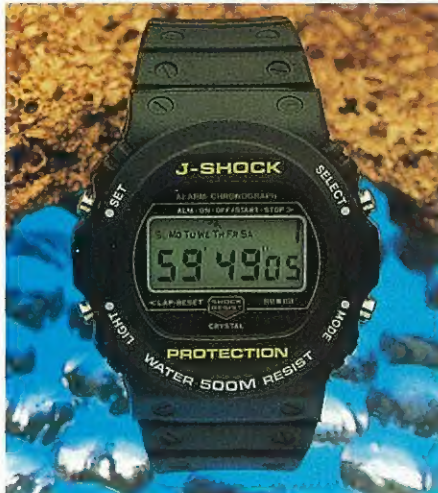
**The Executive** (upper left), is just \$69<sup>90</sup> (\$3 P&H). Use Order No. 4658 for the Man's or Ord. No. 4659 for the Woman's.

**The Consultant** (upper right), is just \$69<sup>90</sup> (\$3 P&H). Use Order No. 4660 for the Man's or Ord. No. 4661 for the Woman's.

**Explosive Military** toughness is yours for just \$29<sup>90</sup> (\$3 P&H). Ord. No. 4662.

**Elegant World Time** is just \$99<sup>90</sup> (\$3 P&H). Ord. No. 4663. CA add tax.

Elegant good looks and great utility are now available for the boardroom, the ocean or wherever you choose to go.





# The Truth About VCRs

**With over 30% of American Households and over 70% of DAK Customers already owning video cassette recorders, there must be something to them. Are they a hype, a necessity, or a fad? Let's find out.**

By Drew Kaplan

First a confession. I like TV. I like movies. And, I don't just watch the nightly news and Wall Street Week.

I have friends who are part of the erudite elite who "don't watch the boob tube" because it isn't cerebral enough.

But, give me a good action film (I love classics), or give me a seamy weekly series with lots of intrigue, and you've got me hooked.

So, what does this all have to do with video cassette recorders? And, why might an inexpensive VCR be your best bet? Well, let's see.

If you're like me, you end up being away from home during your favorite shows. Or, if you've checked the schedule for the new TV season, you may have found that two of your favorite shows are on opposite each other.

And, isn't it frustrating to have two shows on at 9PM and nothing on at 10? Isn't it frustrating being home only two nights of a 3 night mini-series? Well, with a VCR, all these and a lot of other problems can be solved.

## THE HARRIET FACTOR

Harriet is my wife's old team teaching partner. She had never had a video recorder. So, we gave her one. Several weeks later she called, absolutely elated.

She was recording the Phil Donahue show every day and watching it when she got home from school.

She had also recorded several movies from cable that she kept missing while she was at work, or because they were on too late at night for her to watch.

By the way, I have the same problem as Harriet. I have cable and I have a satellite dish. But, I never seem to be able to sit down at the right time.

So, I record movies that come on at 2AM, or while I'm at work.

## THE FAMILY AFFAIR

My parents are another story. They've had a recorder for years (being my parents has its advantages). My parents have two loves, concerts (my mother is a concert pianist), and UCLA Basketball.

They go to concerts several nights a week and tape the UCLA games while they're out. Then, if you can believe this,

they make popcorn and stay up to watch the game till 1:30AM.

And speaking of sports, how many Saturday afternoons do you flip back and forth between several games, only to miss the play you really wanted to see. If you had a recorder running, you could instantly see your own instant replays.

So, for golf, football, baseball, or tennis, you can control all the action.

Plus, forgetting sports for a moment, if you've ever watched magic on TV, wait till you watch the slow motion replay over and over again.

You just might figure out 'sleight of hand' tricks that you never would have understood any other way.

But, back to the family. We gave my wife's parents a VCR and they didn't know how to hook it up.

## THIS IS IMPORTANT

It never occurred to me that there was anything to hooking up a video recorder.

Just unhook the antenna or cable from your TV and connect it to an identical connector on the VCR. Then connect a cable (included) between the recorder and your TV. That is the complete cable hookup. What could be easier?

Anyway, my father-in-law gets up at 5AM, so they go to bed very early. Once they hooked up their recorder, they discovered a whole world of late night TV.

Now they watch Dynasty during dinner. And look. They had never stayed up to see the Johnny Carson show.

Wow! A video recorder can let you watch what you want, when you want, without being restricted by your work, social life or sleep. Now you can watch last night's midnight show at dinner, or tonight's dinner show at midnight.

## LOADS YOU CAN DO

If you're going on vacation, you can keep up with weekly series while you're gone, even on different channels.

You can record shows you want your children to see at a more appropriate time. For example, it really galls us that the Christmas specials all seem to come on after our youngest son's bedtime.

And besides, he likes to watch them several times. And, speaking of being galled, he's galled because his older

brother can stay up and watch shows after he has to go to bed.

So, it's not unusual for us at the Kaplan household to be taping channel 7 while we're watching channel 4. I wonder how the Nielsen ratings cope with taping?

And while we're on ratings, the advertisers on TV hate VCRs. They hate VCRs because we all tend to use our wireless infrared remote controls to fast forward through their commercials.

And, if the phone rings (which it always does), I can simply pause the tape without missing the final clue to a mystery.

And there's still more. If I'm home but my wife and/or kids are out, who wants to watch a comedy or a love story alone?

It's much better to tape it and watch it when the whole family can be together.

Plus, with all the movie rental shops around, you can rent an evening of entertainment for as little as a \$1.

And, lots of people seem to be doing just that. The latest statistics show that people are staying home and watching rented movies rather than going out to restaurants and movies.

I'm sure glad I own an electronics company and not a restaurant. And while you may decide for yourself whether VCRs are a fad or a necessity (I vote for necessity), since they do all of the above, they certainly aren't a hype.

Two is better than one. We have several VCRs (I do have a great job). Even though only 70% of DAK customers own VCRs, they/you actually own a total of more VCRs than we have customers.

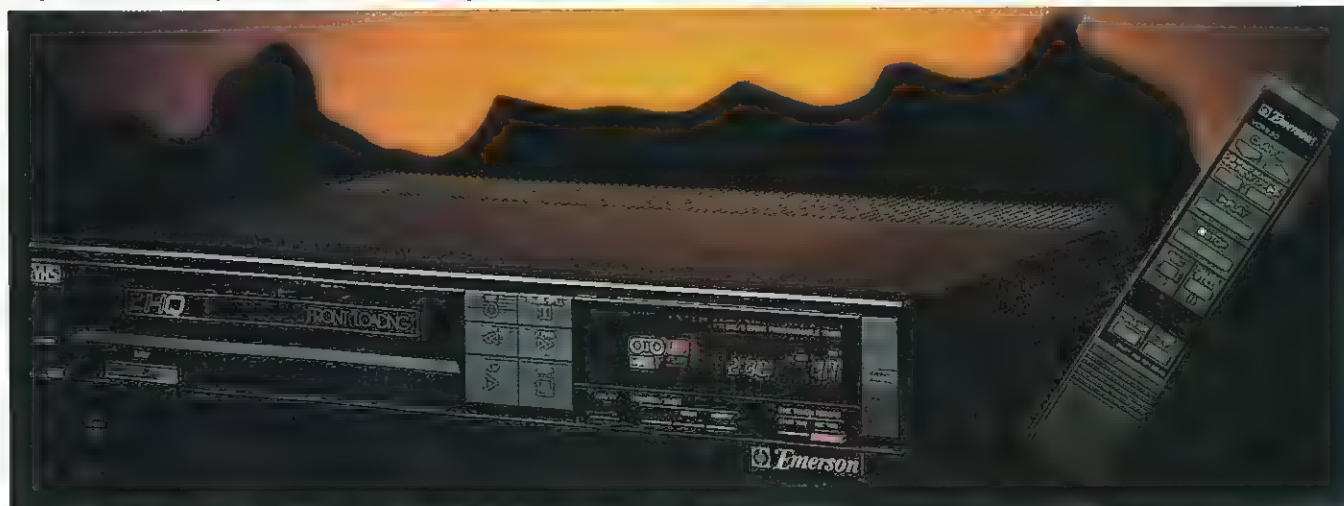
So, the Kaplans aren't the only family that enjoys having a recorder in both the family room, den and/or bedroom.

With two recorders, you can tape two different shows, and you can make copies of tapes. (Note: Making copies of many movies, even off the air, is illegal).

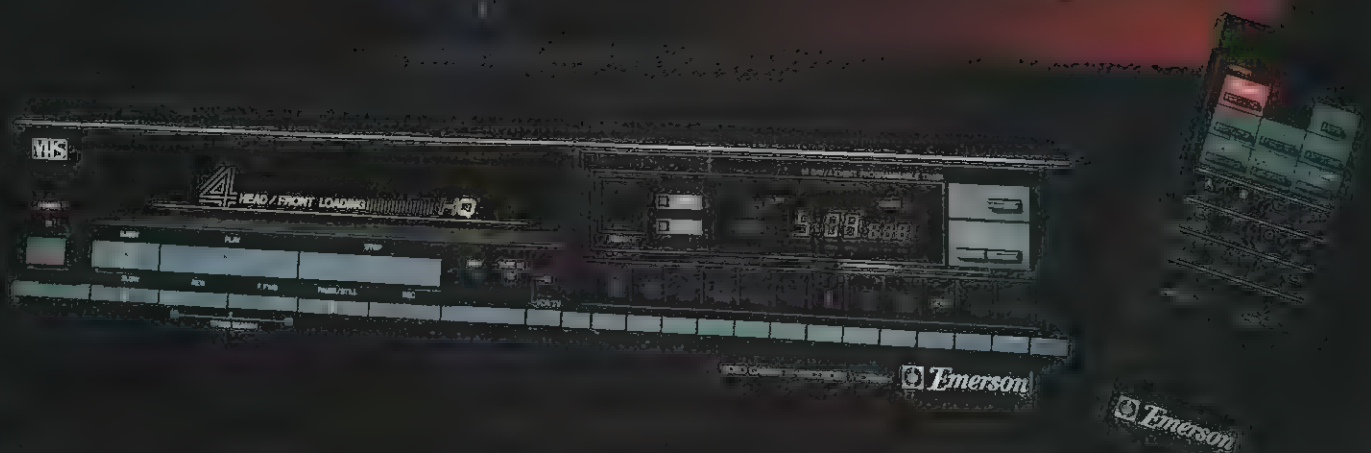
Now it's time to examine the features on the latest Japanese made Cable Compatible VCRs with HQ Picture Enhancement and Wireless Infrared Remote Control. Let me tell you about 3 VCRs.

The least expensive will probably do everything you want. So, don't spend a dime more than you have to.

...Next Page Please







### ...Video Continued

These VCRs are all top quality and you can expect years of entertainment.

#### QUESTIONS

I get lots of questions about the difference between Cable Compatible and Cable Ready. There is none. Last year, the Electronics Industry Association decided to use Cable Compatible because to them, Cable Ready might imply unscrambling signals.

The latest **NEW** in VCRs is HQ, and few people know what it is. In short, it's a circuit that improves the definition of the recorded picture. You'll note a distinct separation between whites and colors.

It really does enhance the sharpness and quality of the detail in your recording, especially at slow speed.

#### Window Number One

(SEE PICTURE ON PREVIOUS PAGE)

Here's a front loading, infrared remote control VHS video cassette deck from Emerson with HQ that will give you great recordings and phenomenal control.

From the moment you put a video cassette into the front loading motorized slot and see it automatically drawn into the recorder, you'll appreciate the quality.

**107 Channel Electronic Tuning.** This recorder's synthesized tuner can tune in VHF channels 2-13 and UHF 14-83. Plus, you'll also be able to tune in 25 Mid-Band and High-Band Cable Channels.

You can choose any 16 channels for instant step tuning from either the recorder or the remote. You can choose from any band in any order you like.

#### MASSIVE PROGRAMMABILITY

You can select up to 8 programs over a two week period to record. And, you can select one program to record every day. If you can set an alarm clock, you can program this recorder to record.

8 programs is the most I've seen on any recorder, but it can really come in handy. I missed the final episode of Knots Landing last year because I thought I would be home earlier. If anyone could send a copy, I would really appreciate it.

And there's One Touch Timed Record. It lets you automatically record in increments of 30 minutes.

#### WIRELESS INFRARED REMOTE

From system power to forward and reverse high speed search, to changing channels, you're in full control. If a remote seems to simply smack of posh luxury, look at what it can do for you.

You can touch the still frame button and freeze the action. Now you can really tell if the umpire was correct or not.

You can play the same movement over and over again until you are absolutely sure of what you've seen.

And, don't forget, you can high speed search through commercials.

And if you're like me, you'll use the tuner in this VCR while you watch live TV so that you can remotely flip stations during commercials. This VCR makes any TV Cable Compatible.

#### AND MUCH MORE

There's a digital clock/timer and even a tape counter. Of course, you can watch one program while you record another. And, there's a picture sharpness control.

There are 3 recording and playback speeds for up to 8 full hours of recording. And finally, when a tape reaches the end, it will automatically rewind.

So while Emerson's Window One VCR at \$249<sup>90</sup> is the least expensive, you can easily see that it's loaded with features to help you enjoy your video experience.

#### Window Number Two

(SEE PICTURE UPPER LEFT)

Here's a front loading, infrared remote control VHS video cassette deck from Emerson with HQ that will give you special effects and more.

**First the special effects.** This is a 4 head VCR, which means that instead of two video heads there are 4.

This allows you to have superior still frame and lets you have slow motion. Now you can really slow down the action and study a golfer's swing, a magician's hands or a rocket ship landing.

If you want to scrutinize your movies, this is the recorder for you. The extra two heads can also have an improved effect on slow speed recording, but frankly, today's pictures are so good there's not much to improve.

**105 Channel Electronic Tuning.** This

recorder's direct access tuner can access VHF 2-13, UHF 14-83, plus 23 Mid-Band and High Band VHF Cable Channels.

There are 12 buttons that you can set to any channels you choose for instant direct access.

#### WIRELESS INFRARED REMOTE

From system power to forward and reverse high speed search, to still frame and Slow Motion, you're in full control.

Plus, you can directly access from the remote any of the 12 preset channels.

So, just imagine watching a movie and wanting to slow down the action from your favorite easy chair. You can really get a good close look at whatever captures your interest. And of course, flipping channels is a breeze. This recorder makes any TV Cable Compatible.

#### FULL PROGRAMMING

You can select up to 4 programs over a two week period to record. And, you can select one program to record every day. It's about as easy to program as your alarm clock. Plus, it features One Touch Timed Record.

#### MORE GOODIES

There's a digital clock/timer and a tape counter. Of course, you can watch one program while you record another. And, there's a picture sharpness control.

There are 2 recording and 3 playback speeds for up to 8 full hours of recording. And finally, when a tape reaches the end, it will automatically rewind.

So from golf to magicians, from my son's soccer to space movies, you can really bring a movie's special effects down to earth, with the control you have of this \$299<sup>90</sup> 4 head Window Two VCR.

It will give you greater control of your picture and random access tuning of your channels at both the recorder and from the remote.

#### Window Number Three

(SEE PICTURE UPPER RIGHT)

Here's a front loading, infrared remote control, 4 head VHS HiFi VCR with HQ that will knock your socks off.

VHS Stereo HiFi gives you an incredible 20hz to 20,000hz frequency response with an 80db dynamic range.

...Next Page Please





### ...Video Continued

You'll experience the full sonic drama of movies that you rent, and add a superb audio tape deck to your stereo system.

And, not only can you record or turn any TV into a Cable Compatible TV, you can receive the new stereo TV broadcasts automatically. So, why replace a perfectly good TV just to get stereo?

VHS HiFi uses the spinning video heads to record sound along with the video on the tape at speeds in excess of 200 inches per second. So, the sound quality is, to say the least, astounding.

Of course, there's a conventional stationary audio head, so this recorder is compatible with all standard tapes, but wait till you hear the sound. And, wait till you use this recorder for recording music in your stereo system.

Using video cassettes, you can record audio only for the best recordings you've ever heard through your stereo system.

And look at this. With VHS tapes selling for about \$5, you can record up to 6 hours of this incredible sound on one cassette with or without a picture.

### THE BAD PART

Connecting this video recorder to your TV is done just like the previous two recorders. It's simple. But, to utilize the VHS HiFi and Stereo TV tuning, you must also connect this VCR to your stereo.

Just connect the standard stereo patch cords (included) to any 'Aux' input.

So, the bad part is that if your TV and stereo aren't together, this incredible machine isn't for you. Of course, it always sends conventional TV sound to your TV.

**139 Channel Electronic Stereo Tuning.** You can select any 16 preset synthesized cable compatible channels by touching a direct access button on the remote. And, every one is ready for stereo. It receives VHF 2-13, UHF 14-83, and cable 14-65 and Cable Sub Band 95-97.

### WIRELESS INFRARED REMOTE

From system power to forward and reverse high speed search, to still frame and Slow Motion, you're in full control.

Plus, you can directly access the 16 preset channels from the remote.

So, you can slow down the action, you

can still frame it or you can speed it up.

### PROGRAMMABILITY TOO

You can select up to 4 programs over a two week period to record. And, you can select one program to record every day. If you can set your alarm clock, you can program this VCR. It also has One Touch Timed Record. Each time you touch the button, you will add 30 minutes of recording, up to 2 hours.

### LOADED

There's a digital clock/timer and a tape counter. Of course, you can watch one program while you record another. And, there's a picture sharpness control.

There are 2 recording and 3 playback speeds for up to 8 hours of recording. And, when a tape reaches the end, it will automatically rewind.

Plus, you can receive Simulcast, SAP (Separate Audio Program) and there's a headphone jack. Tape loading is motorized. And, there's a VHS HiFi level meter.

So, if you use this VCR for video or as an audio deck, you're in for a treat. And, if you add surround sound, wow!

**Note:** Most movies you rent not only have great sounding stereo, but surround sound information already on the tape.

So for special effects, for 139 stereo cable channels, for the incomparable VHS HiFi Sound, choose the \$499<sup>90</sup> Window Number Three VCR.

### HARD CHOICES

All three decks provide superb picture quality, wireless infrared remote control and programmability. To record weekly series or play back rented tapes, Window One will provide all you need.

If you record ball games and you want to have the capability of slowing down any movie's action, plus add random access to your remote, choose Window Two.

Where only the top of the line will do and you're going to get involved with the sound as well as the slow or fast action, move all the way up to Window Three.

Whatever your choice, you'll be thrilled with the quality and performance of these Japanese crafted VCRs. They are backed by Emerson's limited warranty.

### VIDEO COMES ALIVE

### RISK FREE

It's not an easy choice. I've used them all. In my main system I do have the VHS HiFi deck. I love the sound and, of course, the picture. But, I have the Window One, least expensive VCR in our bedroom, and it works great.

Whichever VCR you choose, if you're not 100% satisfied, simply return it to DAK in its original box within 30 days for a courteous refund.

To order Emerson's Window Number One VCR with HQ and Wireless Infrared Remote, 107 Channel Tuning and 8 program capability risk free with your credit card, call toll free, or send your check for DAK's breakthrough price of just \$249<sup>90</sup> (\$11 P&H). Order No. 4641.

To order Emerson's Window Number Two VCR with HQ, Special Effects and wireless Infrared Remote with 12 channel Random Access Tuning, 105 Channel Tuning and 4 program capability risk free with your credit card, call toll free, or send a check for DAK's breakthrough price of just \$299<sup>90</sup> (\$11 P&H). Order No. 4642.

To order Emerson's Window Number Three VCR with HQ, VHS HiFi, Special Effects and Wireless Infrared Remote with 16 Channel Random Access, 139 Channel STEREO Tuning and 4 program capability risk free with your credit card, call toll free, or send your check for DAK's breakthrough price of just \$499<sup>90</sup> (\$11 P&H). Order No. 4643. CA add tax.

Well, if you haven't joined the 30% plus of the households that own VCRs, at least by the time you've read this far you've probably got a pretty good reason.

I find that VCRs are one of those things that I just can't see how I ever lived without. And with Emerson's quality and price, this is a perfect time to add a second VCR if you already own one.



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# Stealth Bomber Improved

The Pentagon may pay billions for the new Stealth Bomber that flies automatically and is invisible to enemy radar. But, you can have Teac's Stealth Reversing Automated Cassette Deck with dbx that can even record the full dynamic range of CDs for less than the price printed on Teac's February '86 dealer cost sheet.

Stealth's invisible. Enemy radar can't see it. And, it's the newest electronic marvel to come off the drawing board.

Now, you may be thinking that there's not much in common between a Stealth Bomber and an automated cassette deck.

After all, a Stealth Bomber sure can't fly backward. But wait, before you decide.

This automated auto reverse deck has a 'radar avoidance system' called dbx. No, it's not an MX missile. But, if the Stealth Bomber is invisible to radar, wait till you hear how 'invisible' tape hiss will become to your ears with this dbx deck.

Of course it has other 'radar avoidance' in the form of Dolby B & C, but dbx does much more than noise reduction.

When you record using dbx, this deck gives you a 90db signal to noise ratio and an amazing 90db dynamic range. This is one of the few decks that can copy the brilliant impact of CD discs.

## AUTOMATIC PILOT PLUS

The Stealth similarity doesn't end at 'radar avoidance'. While the Bomber controls are still top secret, I can tell you a lot about this deck's automated controls.

From the first button you touch, you'll appreciate this deck's total IC logic control. A DC servo controlled motor drives both capstans for low flutter and wow, while a second DC motor operates the unwind and rewind functions.

With record mute, you'll have clean intros and exits to your recordings. And, what recordings you'll get.

In addition to switchable Normal, CrO<sup>2</sup>, and Metal bias switches, you'll have fine bias adjust. You can actually fine tune the bias to decrease or increase high frequency response.

So, you can exactly match the brand of tape you use (DAK, I hope), or tailor the sound to fit your taste. And, you'll make perfect recordings when you use the linear input level controls and sensitive peak reading LED VU meters.

## COURSE CORRECTIONS

When you're listening to a tape, you may want to skip to the next song or play the same song over again. This is really useful when you're recording.

Just push the » button during play to automatically advance to the next song. One touch of the « button will automatically return you to the beginning of the song being played. Wow, the Stealth Deck really does have automatic pilot.

## WRONG WAY CORRIGAN

This autopilot can take you backwards, forwards or around the world again. You can play and record in both directions.



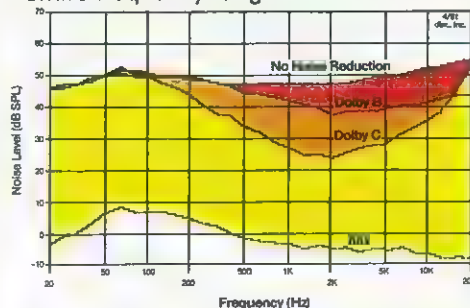
And finally, without even worrying about refueling, you can have your music totally uninterrupted. With just a touch of the button above, you can have your music play over and over again.

Now you only need to get up to change cassettes when you feel like it, not when the cassette ends. It's the best way to enjoy your music, your way.

## BUT IT'S THE dbx

While dbx is the ultimate noise reduction system, complete with its vibrant 90db dynamic range, this deck also lets you record and play with Dolby B and C.

But, you just can't get the full-range dynamic hiss free response across the entire frequency range without dbx.



This graph supplied by dbx clearly shows just how good recording with dbx can be. You can easily test the day and night difference for yourself. The test is described in the next column.

The graph above says it all. dbx will give you cassette recordings that are virtually free from surface noise across the

entire frequency range, not just the highs.

Plus, you'll have the incredible vibrance of 90db dynamic range. (The difference between the very softest and loudest possible sounds.) With this deck, you're ready for CD or any possible recording need.

DAK bought over 4000 of these superb decks to get this blockbuster price. Dolby C will give you a 72db signal to noise ratio. There are Left/Right Mike inputs as well as a headphone output.

You'll have a conservative frequency response of 30-16,000hz with CrO<sup>2</sup> and Metal, and 30-15,000hz with normal bias tapes. It's a top quality deck And, it's backed by Teac's limited warranty.

## TRY REVERSING STEALTH RISK FREE

Set your tape counter at 000. Record some blank tape with no input and without noise reduction. At 020, switch in the Dolby B. At 040 switch in Dolby C. At 060, switch in dbx. Then play it back.

You're sure to be astounded. It's a great deck for a lot of reasons. But dbx makes it phenomenal. If you aren't 100% satisfied, simply return it within 30 days in its original box to DAK for a refund.

To order your Teac Stealth Auto Reverse Cassette Deck with Dolby B, Dolby C and dbx risk free with your credit card, call toll free, or send your check for DAK's blockbuster price of just \$149<sup>90</sup> (\$7 P&H). Order No. 4451. CA res add tax.

The Stealth Bomber is still on the drawing board. And don't forget it still won't fly backwards. But, you can get your own Stealth Deck and be ready to record CDs, live music or just fabulous sounding copies of records.

Of course, the bomber can fly over the mountains in the picture above, the deck can only make them ring with music.



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**\$169<sup>90</sup> MARKET BUSTER**



## Remote Sound Blaze Plus

*Like the blazing flash and violence released by a lightning bolt striking earth, your stereo system's sound will explode with life. With a 95db signal to noise ratio, a 95db dynamic range, and a 5hz to 20,000hz frequency response, Emerson's new programmable remote CD player is sure to stagger your perception of audio.*

By Drew Kaplan

There's no warning. There's no record noise, no tape hiss. Vibrant but finely detailed music just explodes from your stereo system. The sound is like a shock-wave reverberating through your home.

This is the experience you can expect with your first introduction to digital audio. Forget any experience you've ever had before with stereo. CD audio is an awesome advance that dwarfs the switch we made years ago from 78s to LPs.

Imagine listening to music with a frequency response from 5hz to 20,000hz +0.5db -1db. Wow! Imagine sound so pure that harmonic distortion is just 0.003%. And, if you're into zeros, flutter and wow is "unmeasurable".

The sound quality, and yes, the sonic violence will thrill you. I've spent over 15 years on the test bench and in the studios, and the only equal I've heard to this sound is 'live sound'.

And, live sound doesn't mean the sound you hear at a concert where you are simply listening to the auditorium's PA system. Live sound means sitting right in the middle of the orchestra.

I know, I'm a cellist. And, there's just no sound experience like the sound we hear in 'the pit'.

### NO SOUND AT ALL

CD gives you a signal to noise ratio of 95db. There is, for all intents and purposes, absolutely no hiss, no scratch, and best of all, no surface noise.

You've got to experience the silence during very quiet passages to comprehend the sonic adventure of the music. It's as if your stereo isn't even on and then, suddenly, a thunderclap explodes!

Conventional records and tapes have a dynamic range of perhaps 50db. Dynamic range is simply the difference in sound level (volume) between the softest and loudest recorded sounds.

CD gives you a 95db dynamic range, which is roughly equivalent to the difference between absolute silence and

standing next to a jet engine.

Your music will be dramatically more exciting. You won't have to carefully compare CD to conventional sound. From the very first note, you'll be in shock.

### NOT PERFECT?

CD isn't perfect. Or rather, it is, and that's a problem. You'll hear everything. You'll hear every note, every instrument, as if you were sitting in the orchestra.

When CD first came out, there were three complaints. 1) It could sound harsh or hard. 2) There weren't enough CDs released. 3) Not all CD discs were really recorded digitally. **Here are the answers.**

1) Early discs did sound harsh. A characteristic of pressing LPs is that they drop off from 5-10,000hz, so recording engineers boost those frequencies.

A few cuts with an equalizer bring the first discs back to super smooth sound.

2) True again. CDs were in short supply. Now there's a virtual avalanche of thousands of titles, and more each week.

3) True again. Not all CDs come from digital masters. CDs from digital masters can sound phenomenally better than a conventional LP. (It's earthshaking.)

But, when analog (conventional) masters are recorded in the studios, they are recorded on two inch wide tape at 15 inches per second. They sound great.

Most sound quality is lost in pressing records and copying cassettes. A CD from an analog master isn't quite as good as from a digital master, but its superiority over an LP is still like day and night.

CDs are now a standard format. There's no stylus to wear out and the disc doesn't wear out because nothing touches it.

### INFRARED REMOTE CONTROL

You can sit in your favorite easy chair and simply touch buttons. You can hear a track again, or skip to the next.

You can program up to 15 tracks randomly from the remote. And, of course, you can 'Play', 'Pause', 'Stop', and continuously 'Repeat' all from the remote.

### WHY EMERSON?

This CD disc player is the latest Japanese made second generation type.

It has a 3-beam, laser servo system with heavy sampling for superb sound. Plus, it's loaded. You can select up to 15 tracks in any order you like. There's even a repeat button. So, you can repeat selected tracks or the entire disc, forever.

Just touch a button and you can skip to the next track during play, or repeat the track you are listening to. You can even playback indexed passages within a track. A display shows you the track that is playing, the elapsed time, or the total time of the disc.

Installation consists of simply plugging it into any 'aux' input on your receiver or preamp. It's backed by Emerson's standard 1 year limited warranty.

### TRY EXPLOSIVE SOUND RISK FREE

Plug it in. Experience music with a thrilling frequency response and sonic range. Plus, you'll be thrilled by the hiss, and background noise you won't hear.

If you're not 100% satisfied, simply return it to DAK within 30 days in its original box for a courteous refund.

To order Emerson's Top Of The Line Infrared Remote Control, Fully Programmable CD Disc Player and experience the sonic thrills of a lifetime, call toll free, or send your check for DAK's market breaking price, of just \$169<sup>90</sup> (\$7 P&H). Order No. 4640. CA res add sales tax.

It may strain my credibility to describe any device I'm offering for only \$169<sup>90</sup> as providing sound many times better than anything you've ever heard before. But, use DAK's risk free trial to experience this bigger than life sound for yourself.



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## The \$999 Typewriter/Computer BOMBSHELL

# Unfair Competition?

## An Unfair Challenge to IBM's Typewriters and Computers

*What if you and every secretary in your office could have powerful computers that were as easy to use, but cost less than IBM electronic typewriters? What if they also ran IBM compatible software? Well, now you can get this 256K IBM PC Clone, the Amber Monitor, the Letter Quality Printer, and The \$400 Software Library for just \$999.*

By Drew Kaplan

Look around your office. Are your secretaries wasting time typing and re-typing letters and documents?

Well, throw out your dumb typewriters. Now typing on an IBM compatible computer can be as easy, and yes, cheaper than using an IBM electronic typewriter.

Every word you type can be stored in the 256,000 character memory or on floppy disks. So, when you make corrections to a letter or document, you'll never need to retype the whole letter again.

### 30 MINUTES TO PRODUCTIVITY

In 30 minutes you or your secretary will be comfortably typing letters faster than on any typewriter. This computer is so easy to use that there's no 'computer fear' from non-computer typists.

But, if you're looking for computing power, get ready to blast off. It is so powerful that it will run Lotus 1-2-3, Flight Simulator and every other IBM compatible program that we've tested.

In fact, the manufacturer states in the Operator's Guide that, "The computer is ultimately and completely compatible with the IBM Personal Computer."

Actually, typing letters is child's play for this sophisticated machine. But for \$999, it's sure to be the most popular typewriter in any office or even at home.

So, compare it to the typing ease and durability of say the new IBM Wheelwriter 5 at about \$1045, or a Xerox Memorywriter 625 at about \$1595.

Or compare just the computer section to the agility, speed, and intelligence of an IBM computer. Then, check our price.

### FORGET LIFT OFF CORRECTION

Think about making a change in the first paragraph of a letter you have dictated. Just mark up the draft copy and give it back to your secretary.

She can bring the letter back onto the 80 column 25 line Amber Monitor, make the corrections, touch one button and

the letter will automatically print out with your corrections and additions.

You'll never have to reread or re-proof retyped letters again for errors. And instead of spending 15 minutes retyping and re-proofing, your secretary can be working on your next project.

A typewriter-type word processing program whose commands flash on the screen, when needed, makes this the ideal transition from typewriter to computer.

Look how easy it is to use. Simply touch the F1 key at the left of the keyboard to delete a character. F2 deletes a word. And, F3 deletes a whole line.

F5 turns this machine into a line by line typewriter for typing directly onto envelopes or forms. F6 prints out anything on screen at any time.

This is a magnificently simple program that you or your secretary will be comfortable with in 30 minutes.

But when you are comfortable, you'll want to open our sophisticated \$400 Software Library that lets you really start to use the power of this computer.



(DAK's added Software shown with included Visual Manuals)

You can type in lists of your customer's or employee's names and addresses. Then create a letter, select which names you want to receive the letter, and the computer will automatically print out individualized letters for each person.

So if you want 5 people or 500 people

to be notified personally of your newest product or policy, now it's all automatic.

There's also a Budget Program, a Calendar Program and even a Portfolio Management Program we have included.

Of course you can use any IBM compatible PC programs from Lotus 1-2-3 to Norton Utilities. Or, you can buy other even more sophisticated word processing programs that even correct your spelling or give you an on-line thesaurus.

### MORE THAN A TYPEWRITER

This IBM compatible computer with its two 360 kilobyte drives, 256K random access memory (more is available), composite video and yes, even RGB full color graphics output, is made by Visual, the 5th largest manufacturer of office graphics terminals.

Visual's computer is loaded. It has both a Centronics parallel printer output (we've included a superb daisy wheel letter quality printer) and an RS232 serial communications port (yes, you can add a modem to access outside data banks, or your main frame computer).

Visual's 1985 price list shows a list price of \$1895 for this computer. And, that doesn't include the Amber Monitor, the Printer, or the Software Library that we've added. It just includes the computer and of course the IBM compatible MS DOS 2.1 operating system.

### WHY SO CHEAP?

Visual makes terminals. They thought they'd design a superb IBM Clone and sell it with their terminals.

Well it turned out that Visual's salesmen weren't equipped to sell computers and Visual had put too much money into these computers (the built-in color graphics, TTL output, 2 floppy disk drives and lots of other features) to sell them at today's stripped down prices.

So, Visual has sold them all to DAK and has taken an enormous loss. (But don't worry about Visual. They are a



large company and 'dumping' these computers just lets them get back to concentrating on their main terminal business.)

So, you'll save a fortune and that's why this is an unfair comparison to IBM.

You see, you're saving money only because Visual lost money. IBM not only needs not to lose money, but needs to make a profit as well.

And, don't worry about ending up with an orphan. Unlike small computer companies that come and go, as long as Visual makes terminals, they will be around to protect your investment. Plus, they use the Sorbus Network for service. **TAKE YOUR WORK HOME TOO! Wow!**

With the addition of a \$149 optional 25 line 80 column LCD display, you can take this computer home. It's a full monitor display screen complete with graphics.

So, when it gets to be 6:00 and there's still work to be done or files to be studied, just take the computer home or send it home with your secretary.



And, with the addition of a modem, you can even transmit files from home to the office. Or, you can log onto data bases like CompuServe or Dow Jones.

#### THE GOOD, THE BAD, & THE BEAUTIFUL

From your first touch of the rugged sculptured keys of this computer, you'll appreciate the built-in rugged quality.

There's even a 10 key numeric pad. The 83 key keyboard is identical to IBM's PC, except for the addition of lights on the 'Cap Lock' and 'Number Lock' keys.

The contoured keyboard is extremely comfortable. But, I must warn you that if you've never typed on an IBM PC, they've made the Shift keys and Return Keys slightly smaller than on a typewriter and it will take you a few minutes to adjust.

The computer has two floppy disk drives that use double sided double density 5¼" floppy disks. Each floppy disk holds 360,000 characters.

As a free gift from DAK, we're including a box of 10 disks. You can store 3,600,000 characters.

The computer uses a 16 bit 8088 Intel processor with a 4.77 MHz clock speed. It is AC powered and UL and FCC listed.

There is 256K of installed random access memory (RAM) for you to use as compared to 128K for most computers and the 7K on the IBM Wheelwriter 5.

We've included Magnavox's latest 80 column 25 line 12" non-glare Amber Monitor. It has 900 lines of horizontal resolution and 350 lines of interlaced vertical resolution to display graphics.

You can also connect an RGB (red green, blue) monitor for full color graphics. With most computers, the internal 'color card' can cost you several hundred dollars. Visual's has it built-in.

You can expand this computer by adding custom cards. There is an expansion port that can be directly connected to an IBM expansion chassis. Of course, the computer is infinitely expandable by running IBM compatible software.

Here's another bad point. This system is bigger than a typewriter. The computer is 18" wide and 15½" deep. And, with the monitor sitting on top, it is 14½" tall. Actually, the computer really isn't any bigger than a typewriter.

But don't forget the printer. It can be placed up to 6' away, but it really belongs next to the computer so that you can easily put in paper, envelopes etc. It is 15½" wide and 12½" deep.

So for most productive use you need a return on your desk that is about 33½" long. Of course, the printer can sit on a typing stand next to your desk or even your credenza. You'll be amazed at the increase in your productivity.

**THIS IS NOT A CHEAP STARTER COMPUTER.** Forget our price. Put it side by side with a similarly equipped IBM, run the same programs and you'll get the same results.

In fact, it's so compatible that you can interchange disks of your letters and programs between Visual's computer and an IBM PC whenever you wish. Wow!

#### THE PRINTER

This Silver Reed daisy wheel printer will type on your standard letterhead, envelopes, 3 X 5 cards or mailing labels.

It uses the same type interchangeable daisy wheel direct impact print system as typewriters (heavy duty of course).



The printer prints at 10-12 characters per second bidirectionally. You can set horizontal spacing, 'pitch', for expanded or contracted letter spacing. You can underline automatically and you can print normal or Bold.

But, don't worry. You can simply put in your paper and type. You can even use continuous form tractor feed paper with the optional \$69 tractor feed.



Or, use your own letterhead with the optional \$99 cut sheet feeder.



#### FINAL NOTES

Both the Silver Reed Printer and Magnavox monitor are backed by their respective manufacturers' limited warranties. The Visual Computer is backed by Visual's limited warranty and serviced by Sorbus (or Visual).

#### DON'T FORGET IT'S PORTABLE

For just \$149, you'll get the factory installed 80 column 25 line (graphics capable) LCD display which simply lifts off when you're using the Amber Monitor.



You may not take your computer home or to another office every day, but the versatility is phenomenal.

#### ACCEPT OUR TYPEWRITER COMPUTER CHALLENGE RISK FREE

Wait till you see this state of the art computer marvel on your desk. And wait till you see what its incredible computing power can do for your productivity.

If you're not 100% satisfied with its typing or computing ability, simply return it to DAK in its original boxes within 30 days for a courteous refund.

To get your Visual 256K IBM Compatible Computer with Two 360K Floppy Disk Drives, Composite and RGB Outputs, Amber Monitor, Silver Reed Letter Quality Daisy Wheel Printer, \$400 value Software Library, 10 Free Double Sided Double Density 5¼" Disks and connecting cables for the monitor and the printer risk free with your credit card, call toll free or send your check for DAK's limited Close-Out price of just \$999 plus \$24 for P&H. Order No. 4500. CA res add tax.

#### OPTIONS

If you're into massive spreadsheets and the largest programs, order the 512K upgrade which doubles the 256K memory. It's installed by the factory for an additional \$129 (\$5 P&H) Ord. No. 4625.

Add the Factory installed 80 column LCD 25 line display so you can move Visual's computer and work wherever you want. It's just \$149 (\$5 P&H) Order No. 4626.

If you want to run continuous forms, from mailing labels to checks to letterhead, the Silver Reed Tractor feed snaps on and off in about 30 seconds. It's just \$69 (\$3 P&H) Order No. 4345.

Use your standard letterhead automatically with the cut sheet feeder. It feeds paper like an automatic copier tray. It's just \$99 (\$5 P&H) Order No. 4627.

Standard 300,000 character black poly ribbons are just \$6 (\$0.50 P&H) Order No. 4346. You'll never see a lifted off correction mark that shows where errors have been removed again. You'll get 'Presidential Quality' letters that you'll be proud to mail every time.

IBM & IBM Wheelwriter 5, Lotus & Lotus 1-2-3, Flight Simulator, and Xerox & Xerox Memorywriter 625, are registered trademarks of International Business Machines, Lotus Development, Microsoft, and Xerox Corporation respectively.



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# a rose by any other name

*It's the sweetest phone that this writer has ever used. From its elegant good looks to its elegant sounding speakerphone, it's a class act. And, it remembers and dials up to 200 numbers by THE NAME of the person you want to call. Plus, it's now available in ivory and 1-line models too.*

By Drew Kaplan

It's not red. And it has no aroma. But it is definitely a rose amongst the thorns. Here's an all new name dialing 2-line conferencing speakerphone that will revolutionize your concept of telephones.

As president of DAK, I've tested hundreds of phones. Some are very good and you will find them in DAK's catalog. But, I've never used a better sounding, more useful phone, at home or at the office, than the phone pictured above. Let me tell you some of the reasons why.



## FIRST, IT DIALS BY NAME

I hate having to remember phone numbers. With this phone, all I do is push the 'H' button when I want to dial Home. The 'D' button dials DAK. And, the 'I' button dials my insurance broker.

Most other dialers make you remember location numbers, such as '26' for 'Mom'. So, you're really just substituting one number for another. Now, all I need to remember is the person's name.

Where I have more than one name that begins with the same letter, I can scroll through the names before it dials, or enter just the first 3 letters. So, if I want to dial Howard instead of home, I push 'H', 'O', 'W'.



It's quick, it's easy and you'll never have to remember or look up and dial anyone's number again. Each memory location can hold up to 32 digits and you can store up to 200 different names. It has a memory capacity of 4096 digits.

You can store your Sprint and MCI codes with the person's name, in a separate location that the phone automatically accesses as it dials, or totally separately so that you can automatically access the service and then dial a number manually.



And speaking of manual dialing, you don't even have to push the speakerphone button to dial. When you touch the first number on the dial, the phone automatically seizes the line, turns on its speaker, and you have on-hook dialing.

So, you never have to lift the receiver or activate the speakerphone unless someone answers the line.

## FORGOTTEN HANDSET

This phone has the latest K2 handset. It gives you traditional Phone Company fit and feel, yet, I find it even more comfortable to use.

But, you'll probably never use it. The speakerphone is so powerful, so clean, and so easy to use, you'll never pick up the handset unless you need privacy.



I've used good speakerphones before, but this speakerphone's sound quality rivals an in-person conversation, not a phone call. How's that for a description of a phone you can try on a 30 day risk free trial?

## 2-LINE MASTERPIECE

You can select Line 1 or Line 2. And, you can push 'Conference' to combine both lines for convenient business conferences or friendly group calls with friends. There are LEDs that show which line is 'In Use', 'On Hold', or 'Ringing'. And, there are different rings for each line.

Installation is a breeze. It simply plugs into one standard modular 2-line jack or two modular 1-line jacks. Nothing could be simpler. Just plug it in.

## PAGES OF HELPFUL FEATURES

The list of features would have to be microfilmed to fit on this page. There's a large LCD display that shows you the name you want to call and the number.

An automatic timer tells you exactly how long you've been talking. And, a clock appears on the display whenever you hang up.

Every conceivable feature from Mute to Tone/Pulse switching, to Pause, to Flash, to battery backup (2 C batteries included), to three direct Emergency Memory Keys and more is included.

There's even Automatic Redial which will redial a busy number for you every 30 seconds.

## YUPPIE POWER

I'm anything but a yuppie, even though I just turned 40, but when you look at the sleek, swept back, silver-grey HiTec appearance, and when you examine its complete computer keyboard, you'll understand why it would warm a yuppie's heart. My heart is warmed by what it does, but I must admit it is impressive.

It's made by Colonial Data, a research company partially owned by one of the largest inter-connect (big business phone systems) companies in the world.

It is 9½" wide, and it's backed by Colonial's standard limited warranty.

## PUT NAME DIALING ON YOUR LINE RISK FREE

It's the best sounding speakerphone I've ever heard. Dialing by names instead of numbers is a quantum leap in both technology and convenience.

Now, I don't have to remember people's phone numbers. I just touch a 'C' for customer and let the phone do the rest.

If you are not 100% convinced, as I am, that this is the best sounding, most convenient phone you have ever used, simply return it in its original box within 30 days for a courteous refund.

To order your Name Dialing 2-Line Speakerphone with God only knows how many features risk free with your credit card, call toll free or send your check for DAK's breakthrough price of just \$129 (\$4 P&H). Use Order No. 4335 for Silver-Grey. Or, use Order No. 4452 for Ivory.

If you'd like the 1-line model in Ivory without the 2-line features, it's just \$99<sup>00</sup> (\$4 P&H). Order No. 4453. CA res add tax.

In DAK's electronic world, where a new best is achieved almost every day, this phone stands out as the 'best' best I've ever had the pleasure of introducing.

DAK and the 'a rose by any other name' phone are not affiliated with CXC Corporation's Rose Console.



**DAK INDUSTRIES INC.**

Call Toll Free For Credit Card Orders Only

24 Hours A Day 7 Days A Week

**1-800-325-0800**

For Toll Free Information, Call 6AM-5PM Monday-Friday PST

Technical Information. . . 1-800-272-3200

Any Other Inquiries. . . . . 1-800-423-2866

8200 Remmet Ave., Canoga Park, CA 91304



# What's a Mamfactacdc?

*Have you guessed yet? It's all the musical sources in this incredible, top of the line, complete music system, backwards. And, if you think Mamfactacdc is a mouthful, wait till you see all you get for just \$299. Wow!*

By Drew Kaplan

It's party time. With a Mamfactacdc, there's something for everyone. And, wait till you hear the sound.

This top of the line complete stereo system has more musical sources than any modular system I've seen. And, the sound from each source is breathtaking.

Let's explore all that it does on a musical source by source basis.

**CD = Compact Disc Player.** And it's not just any player. You can program up to 20 different selections in any order you desire. Wow, 20 memories!

You'll have Next Song and Previous Song. There's even Repeat so that you can have continuous music from 1 disc.

This CD even has a motorized front loading system. Its oversized display shows track number or running time, and, of course, program selections.



But, you've really got to hear a CD for yourself. The sound quality and clarity of the music is so awesome it makes the switch from 78s to LPs a non-event.

**CA = Cassette Deck Times 2.** There are twin high speed dubbing cassette decks. You can duplicate tapes at high speed or normal speed.

The decks are matched for flawless copies and there's even mike mixing. You'll love this feature if you sing.

Simply put a recorded tape in deck 'A' and copy it onto deck 'B' as usual. But, while you're copying, you can add your own vocal. Just plug in your mike and sing. You can be a single, a duet, a trio, or even a chorus by repeated recording.

Of course, you can make original tapes from any of this system's musical sources.

**And, look at this.** There's even sequential play, so you can play a cassette in one deck and when it's finished, the other deck will automatically start. You'll have twice the amount of uninterrupted music.

With these twin decks, you'll make great recordings and enjoy great sounding music from your cassettes.

**TT = Belt Drive Turntable.** It's a semi-automatic turntable with a hinged dust cover. A low mass tone arm and quality cartridge protect your cherished records while providing superb reproduction.

You can listen to LPs and 45s. There's automatic arm return. And, there's a cueing control for record protection and easy track selection.

In a world gone CD crazy, if you're like me, you'll still want to listen to your record collection. And, this stable turntable should provide years of superb listening pleasure from your records.

**FM/AM = FM stereo and great sounding AM** are yours with the sensitive tuners in this system. A large slide rule dial makes it easy to find stations.

There's a built-in antenna or you can connect to an outside antenna. Just wait



till you hear your favorite stations locked in by these receivers.

## MUCH MUCH MORE

There's a 5 band equalizer so that you can sculpture your sound just the way you want it. You can really 'detonate' the bass or high end for room filling sound.

And speaking of vibrant room filling sound, the matching 2-way speaker systems really pack a punch. Rich deep bass is produced by the woofers, and crystal clean highs by the tweeters.



Emerson had to use better than normal speakers in this system to handle the dramatic capabilities of the CD. You won't be disappointed with the full rich sound.

There's no volume knob because this system has an electronic volume bar. Just touch one end or the other.

And there's one more thing. There's a built-in clock timer. You can have this system shut itself off automatically. Or, you can have it turn itself on.

When it turns itself on, it can wake you with your favorite music, or if you've set it to record, it can record from the AM or FM radios. Wow, how neat.

It is 16½" tall, 14" wide, and 13¾" deep. Each speaker is 14¼" tall, 7" wide, and 9¾" deep. It's backed by Emerson's standard limited warranty.

## MAMFACTACDC IN YOUR HOME RISK FREE

You'll be amazed at the sound. And you'll be thrilled by your choice of musical sources. It's an incredible system.

If you're not 100% satisfied, simply return it to DAK in its original box within 30 days for a courteous refund.

To order Emerson's Stereo System with 20 Program Capability CD Player, Dual High Speed Cassette Decks, Belt Drive Turntable, AM and FM Stereo, Speakers, Equalizer and Timer System risk free with your credit card, call toll free or send your check for DAK's breakthrough price of just \$299 (\$18 P&H). Order No. 4684. CA res add tax.

A lot of sources stuck together wouldn't mean much if they weren't top quality. Just wait till you hear how your favorite music sounds through this system.



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# Surround Sound & More Explained

*Journey into space, down mountains or through meadows as you sit in front of your TV. Now the bigger than life sound of a movie theater comes to your living room. Just wait till a space ship warps right through your couch!*

By Drew Kaplan

It's awesome. Cars will race out of your TV and through your room. You'll jump because gun shots are so real. And, if you're walking through a meadow, you'll hear crickets and birds all around you.

This is just the tip of the iceberg of the effect that you can expect when you connect this Surround Sound Processor to your stereo VCR or even monaural VCR.

## WHAT IT IS

There's just no two ways about it. You are right in the middle of the action. If you're watching an avalanche, you're in it.

If there's a storm, you'd better get your rain coat. Battles will be waged and you'll be right in the middle. And, it's all in your grasp, now!

This new Surround Sound Processor takes the stereo signal from your VCR (read on for monaural) and produces dramatic sound through its two front, shielded 2-way speaker systems.

Well, big deal. That's what you get from stereo. Ah, but hold on to your chair. Because, there are over 700 movies that have Dolby® Stereo Surround Sound encoded on them. **Note:** Most tapes just say Dolby® Stereo, not 'Surround' on them, but wait till you hear the effect.

Surround Sound has infused movies with life when you have been at a theater. But, now you can decode them at home.

The Surround Sound signal is obtained by matching the Left and Right Channel Phase relationships and sending the difference to the rear.

The engineers create these phase differences to provide the special effects from the rear. And let me tell you, it will knock you right out of your easy chair.

You'll also have variable rear delay to add to the rear speakers' effect. You'll have massive 3 dimensional movement.

So, unlike stereo where things only move from side to side, now they can also move from the front to the back.

Moving from 2 to 3 dimensional sound is mind boggling. There's absolutely no limit to the locations in your room from which any specific sound can come.

## FIRST FOR STEREO

Switch in Surround. You'll hear the movements begin all around you. You'll

hear laser blasts from the left, applause from all around you when you're at a ball game, or a freight train approaching you from the rear. Watch Out!

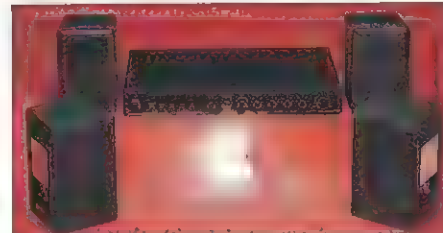
If the movie you are watching doesn't have Surround or you're watching Stereo TV, switch to 'Stereo'.



You'll receive a very powerful version of Surround that is created by this processor. You'll still have full front stereo.

Plus, you'll have the variable ambience and movement cues from the rear. In fact, in many cases you'll find 'Stereo' to be even more powerful than Surround.

There's a second stereo button called 'Music' that is especially designed to add only ambience to the rear, for musicals and music videos.



## BUT IS MONAURAL DEAD?

You haven't been left out. There's a third switch which infuses your monaural VCR or TV station with resounding life.

It's a hightred stereo synthesizer. First it synthesizes stereo for the front speakers. Then it synthesizes a third channel for the rear action effect.

Add the variable ambience delay and you'll have sound all around you. It's amazingly full and rich.

You'll have all the effect of a star ship going through your room. But, it won't be with the precise location detail of the Surround Signal itself.

Don't despair. It's terrific. It's full and alive. If you don't have a stereo deck for direct comparison, you'd swear that you had real Surround Sound.

It's amazing. Your viewing of TV or video will never be the same again.

## EASY INSTALLATION

It's easy. Just put it on top of your VCR or TV. Then connect the audio output(s) from your monaural or stereo VCR to the decoder. **And look at this.** You can switch between two video sources.

Anyway, the rest of the installation consists of hooking up the 4 speakers. Put two in front and two to the side or rear (wire included) and you are ready for thrilling, throbbing AV excitement.

## ALL THE CONTROLS

You'll have control of everything. Of course you can select input 'A' or 'B'. And you can select Surround Sound, Stereo, Synthesized Stereo or Music.

There's a master volume control. Plus, there's an input level control. And, there's a rear effects level control.

You can also delay the amount of ambient delay from 10 to 30 milliseconds. Plus, there's balance, bass and treble.

The speakers are a specially sealed acoustic suspension design. You'll be amazed at the massive sound created by the 4 woofers and 4 tweeters. It's made by Universal, the cable specialists, and it's backed by their limited warranty.

## EXPLODE YOUR CONCEPT OF VIDEO RISK FREE

The realism of a space ship warping through your living room is unparalleled. If you aren't 100% enthralled, simply return it to DAK within 30 days in its original box for a courteous refund.

To order Universal's Video Surround Sound, Stereo, Synthesized Stereo and Music decoder and enhancer that will explode your concept of the capabilities of home video risk free with your credit card, call toll free or send your check for DAK's breakthrough price (including all 4 speaker systems) of just \$199<sup>90</sup> (\$12 P&H) Order No. 4690. CA res add tax.

Move from one or two dimensional video viewing to live, center of the action, thundering, 3 dimensional video sound.



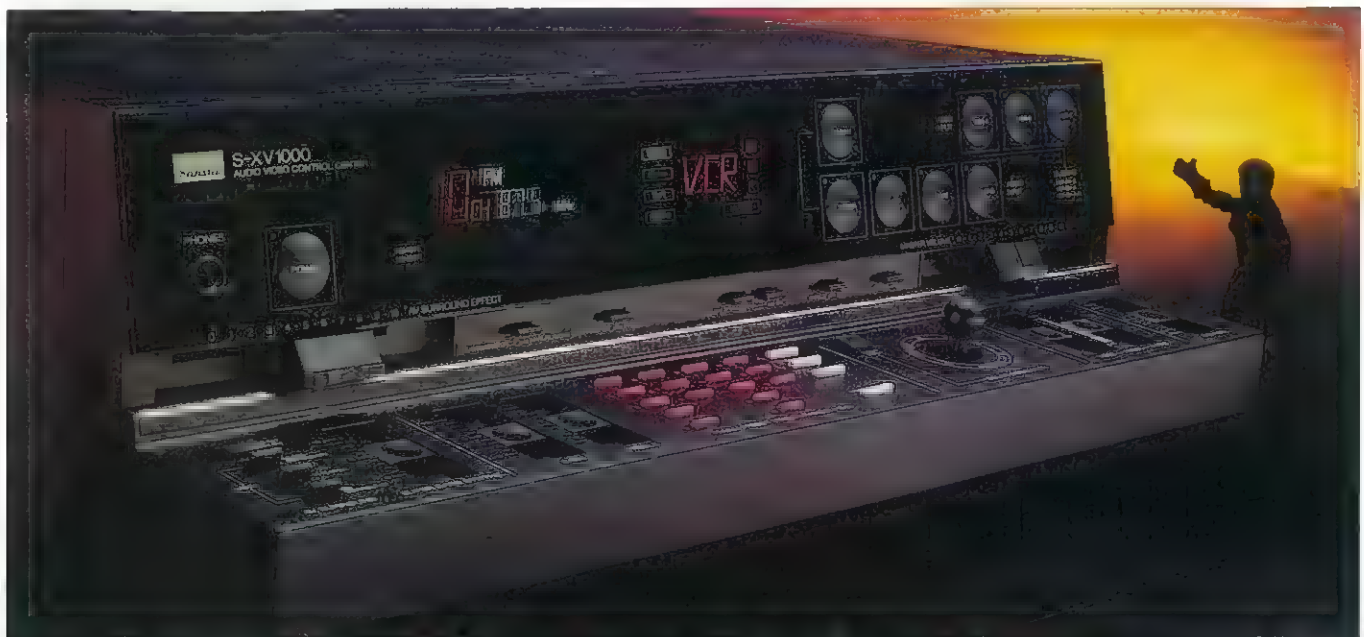
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# Thrill Seeker AV Surround

*Forget going to the theater. With this complete audio visual (AV) 4 speaker surround system, you'll never want to leave home. Of course, that's assuming that Sansui's AV Receiver and BSR's 15" and 8" Colossuses leave your home standing.*

By Drew Kaplan

OK, I had to try it. I hope you've read all about the power of surround sound in my ad to the left.

I wasn't exaggerating when I had you imagine star ships roaring through your living room. And, the system described to the left, is nothing less than thrilling.

But, if you're the type of person who jumps out of airplanes, scuba dives to 200' or races cars, this is the system for you.

If there's no upper limit to your appetite for audio/video excitement or your pocket book (although I've got a great deal on this system), read on.

## BODY BLOW

While I've knocked your socks off before, this system will send your body reeling across the room and then back again.

Imagine Sansui's top of the line, 80 watt per channel from 20-20,000hz at 8 ohms, AV receiver connected to BSR's Colossus 15" 3-way 5 speaker systems. Then imagine the rear effects, heard through BSR's 8" 2-way systems. (Both systems are described in this catalog.)

This is not a system for apartment dwellers or tenderhearted souls. This system is the ultimate sonic adventure.

You just supply the TV and a stereo VCR, and let this system do the rest. By the way, it will handle up to 3 VCRs, a CD, a turntable and an audio tape deck. So, it's great for video and for audio.

## SURROUND SOUND PLUS

Just turn on your VCR. Switch in 'Theater Surround', and brace yourself. At low levels, you'll have astounding clarity, purity and a feeling of massive strength.

As you turn up the volume, first your dishes, then the walls and finally the foundations of your home will tremble.

It even has a subsonic synthesizer to infuse the bass with incredible power. And with BSR's 15" woofers, you'll hear and feel every single massive vibration.

There's 'Theater Surround', and 'QS Surround', which is for non-surround sources, but creates the 'Surround' effect.

There's also 'Multi Dimension', which

gives you synthesized stereo from monaural sources. Plus, a linear slide control gives you infinite control of all the powerful 'Surround' and rear ambience effects.

## ALL IT DOES

You can connect up to 3 VCRs and dub to two of them. There's even a color correction enhancer joy stick.

Its audio capabilities rival any audio receiver. And, with a powerful DC amplifier, you'll enjoy a 95db signal to noise ratio. Its AM/FM stereo tuner has 16 presets. It's all top of the line.

And look at this. It has an infrared remote control so you can switch sources and control the volume, mute and power. Plus, you can flip preset AM/FM stations.



## FINAL FACTS

There are VHF inputs and outputs for your cable or antenna. There are separately switched external processor loops so that you can add a graphic equalizer for audio, and a video enhancer.

All 3 VCR inputs have mono/stereo switches and the list goes on. And, the THD at full rated power is only 0.01%.

## INSTALLATION

Just connect your VCR(s) and/or any audio components, using their standard patch cords. Connect your antenna or cable. Then connect the 4 incredible Colossus 15" and 8" speaker systems.



**Note:** You must keep the 15" speaker systems at least 18" from your TV or you may get some temporary color distortion.

**Note:** Speaker placement is not terribly critical. For front speakers, about 6 feet apart is ideal, and rear speakers to the side or behind is perfect. Each component is backed by a standard manufacturer's limited warranty.

## TRY THRILL SEEKER AV SURROUND RISK FREE

For audio or video the Surround effect is awesome. And, the power and depth of the system is a thrill seeker's dream.

If you're not 100% satisfied, simply return it in its original boxes within 30 days for a courteous refund.

To order your Thrill Seeker Surround System with Sansui's \$599 retail value 80 Watt per channel Receiver with AM/FM and all the extras, plus BSR's \$298 15" Colossus System and \$99 8" Colossus system risk free with your credit card, call toll free, or send your check, not for \$996, but for just \$699 (\$48 P&H). Order No. 4691. CA res add tax.

If you'd like a matching Sansui dual audio cassette deck with high speed dubbing, relay play, 15 program search, Dolby B and C, total solenoid logic control and a frequency response to 17,000hz, it's just \$199 (\$7 P&H). Order No. 4692.

Whichever Surround System you choose, you'll be astounded by the sheer power of the 3 dimensional effect. It's like nothing I've ever heard in a home before.



# 1200 Baud Smart Duck

*If it walks like a duck, sounds like a duck, and looks like a duck, it darn well better act like a duck. And ADC's new Hayes Compatible 1200 baud auto-answer/auto-dial modem is one heck of a duck. And, it's a market buster at just \$169.*

By Drew Kaplan

Hats off to Hayes. They've just about written the book on specs and protocol for the 1200 baud modem market.

Every professional modem bills itself as 'Hayes Compatible'. But the big question is, how much does it really cost to make a top-of-the-line 1200 baud modem? Or, who's getting rich?

ADC's modem is made in the same factory, by the same people, as one of Hayes's biggest competitors. And, ADC is a division of BSR, the enormous half-billion dollar electronics giant.

So for \$169, you'll not only be getting a duck that quacks properly to Hayes modems, but sings like a nightingale to your pocketbook. It can save you a fortune in time with its extra features.

Don't forget. Now you'll get the \$39 value (DAK sold it for \$24) complete CompuServe Subscription Kit, including \$25 worth (Yes, that's twenty five dollars. Wow!) of on-line time, added by DAK, when you buy ADC's Modem.

## DUCK SOUP

Any computer with an RS232 standard serial port, will work flawlessly with this modem. And, virtually any modem or terminal software that's compatible with Hayes, will be compatible with ADC.

We've even got intelligent programs, cables, and interfaces (if you need them) to activate your IBM PC or Clone, and your Apple IIE or IIC. Of course, you can supply your own cables and modem programs for these computers or for any other computer you may own.

I've owned a Hayes 1200 baud modem for about 2 years. I just unplugged it and plugged in ADC's to operate my Hewlett-Packard dumb terminal which I use at home to monitor DAK's computer.

The only differences I noted were improved monitor sound, more screen displays and a help menu. And oh yes, one last extra. I use a few local data bases whose phone lines are always busy.

Well, ADC's intelligent modem recognizes a busy signal, hangs up and keeps retrying the number every 30 seconds.

There are less important (to me) extras like day, date and time, an extra phone jack and auto tone/pulse switching. So, you'll love it for discount services.

## DO YOU NEED TO KNOW?

Just think, you can transform your PC into a terminal that can interact with main-frames. You can download information from your main office computer and run Lotus, Wordstar, or you name it. It's all possible with your PC and modem.

You can exchange information with other computers. Say you're a writer, you can send a chapter from your home or office in Los Angeles to New York, have it edited and sent back to you.

You can even send it directly to typesetters and have a book or a newsletter prepared from your transmitted file.

It's really great when drafts of contracts are flying back and forth. Why retype everything over and over again?

Electronic mail lets you type in your message and you won't have to worry

## NOW WITH \$25 COMPUSERVE ON-LINE BONUS

It's An Added \$39 Value That DAK Sold For \$24

Plus, you'll Get CompuServe's Complete Subscription Kit

**NOW PRICE SLASHED TOO--NOW JUST \$149<sup>90</sup>**

Use Order No. 4334 Plus (\$6 P&H)



about playing telephone tag any longer.

You can get the weather in Baltimore, the latest quote on your company's stock, or even reserve a seat on the next flight to Las Vegas. You can upload public domain software (there's an enormous amount of free software) or sample the newest programs before you buy.

There are pay data bases like CompuServe and The Source that have information about anything, and thousands of free bulletin boards about everything from Ham Radio to Parapsychology.

There's even a book that lists and describes such diverse data bases as one with 6500 references about coffee, to one with 2,000,000 on agriculture.

Of course, economics, medicine, law and computers are all well represented.

## THE TECHNICAL SIDE OR, WHY 1200 BAUD?

The ADC Modem will communicate at 1200 baud (about 120 characters per second) or 300 baud (about 30 characters per second) automatically, depending on the link at the other end.

So, it's clearly a decision of money and time. 1200 baud is roughly 400% faster than 300 baud, so if you transfer data across the country, you save 400% on your phone bill. And think of the time \$169 can save you!

If you download material from pay data bases, even though some charge more for 1200 baud, you still come out way ahead because of the amount of information you get per dollar.

It comes with a modular phone cord that you simply connect to any standard modular jack. And, it uses standard Bell 103 and 212A protocols. It operates in half or full duplex.

Its built-in microprocessors let you automatically answer in-coming (auto-answer) calls & act on all Hayes commands.

It even waits for dial tones and phone network tones during auto-dial. The modem is 9½" X 5½" X 2". It's backed by ADC's standard 1 year limited warranty.

## HOOKING IT UP MADE EASY

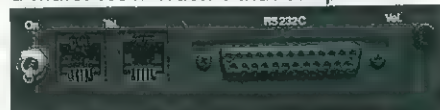
All you need is a serial output, a cable and a modem program. Use your own for any computer. Or you can use ours for the computers below. All our modem programs on disk let you save, upload

and download files. Look how easy it is.

If you own an IBM PC or a Clone, usually you'll find an RS232 serial port already built-in. All you need is our cable and modem program on disk, which we've packaged together for just \$29 (\$3 P&H). But, before you order your cable, you may need a short sex education course.

Sex Education 1A. You need to determine whether your computer's RS232 connector is male or female.

If you look at the picture below, you'll note that ADC's RS232 Modem connector has holes going in. It's a female. If it had copper pins sticking out, it would be a male. Now wasn't that simple?



So, if yours is female, order our male cable and modem program Or. No. 4353. If you have male pins sticking out, order our female cable, Order No. 4354.

If you don't have an RS232 port, we have a serial interface card for your IBM or Clone, complete with cable and modem program for \$99 (\$4 P&H). Or. No. 4355.

For your Apple IIC, your serial interface is built-in. All you need is our cable and modem program on disk. They are just \$29<sup>90</sup> (\$3 P&H). Order No. 4356.

For your Apple IIE, you'll need a serial interface with an RS232 port, a cable and a modem program. It's all yours for just \$89 (\$4 P&H). Order No. 4357.

## 1200 BAUD SMART DUCK

### RISK FREE

For business or pleasure, you'll communicate, gather information and save time. If you aren't 100% satisfied, simply return it in its original box to DAK within 30 days for a courteous refund.

To Order Your ADC 1200 Baud Intelligent Modem, now including CompuServe's Complete Subscription Kit (nothing else to buy), with \$25 worth of on-line time, risk free with your credit card, call toll free or send your check for DAK's market busting price of just \$169 plus \$6 P&H. Order No. 4334.

The OnLine Directory of over 1,100 Data bases, complete with descriptions . . . Next Page Please



...Modem Continued  
is just \$14.<sup>95</sup> (\$2 P&H). Order No. 4358.

The ducks be will sure to be quacking up a storm when they see BSR's factory direct, through DAK, price on this state-of-the-art 1200 baud intelligent modem.



#### A LOOK AT COMPUSERVE & MORE

Get a date, check your stocks, leave E-Mail, or post messages on Electronic Bulletin Boards. Transfer files or download public domain programs. Let your computer bring you the wealth of elec-

tronic information that's on-line.

Imagine dialing a number and hooking up to a free Electronic Bulletin Board where people post messages about everything, from new jokes (I've signed onto a joke bulletin board.) to computer equipment they want to sell.

Most are free, some cost money. But until you are on-line yourself, no brief description that I can give you will even scratch the surface of what's available.

But, let's take a brief look at part of the menu (index) that you'll have at your fingertips when you log onto CompuServe. I've used CompuServe's names or descriptions. This is by no means complete. And CompuServe is just one of many data bases available to you.

No matter what your interests are, you'll spend hours on-line learning about things, making plane reservations or even playing logic games. And, on most bulletin boards, you'll find the numbers of other bulletin boards.

#### PARTIAL COMPUSERVE INDEX

AIRLINES, ARTS (Art & Literature), ATARISIG (Atari Forum), AVIATION (Aviation Forum), BANK (Home Banking), BANSHI (Ban-shi Game), BROKER (Brokerage), Business (Business Menu), C&SISG (Commodore 64 Forum), CASTLE (Castle Telegard Game), CBIG (CB Interest Group), CBMSIG (Commodore Programming Forum), Clarke school (For the Deaf), COCO (Color Computer Forum), COM-MODITIES, CP/M, COOTE (Current Quotes), DEMOGRAPHICS (SuperSite), DISCLOSURE (Public Company Details), EARNINGS (Earnings Projections Menu), EASY (EasyPlex), ECONOMICS, EDUCATION, EMAIL, ENCYCLOPEDIA (On-Line Grollier's Academic American Encyclopedia), ENGINEERING (Engineering Menu), ENTERTAINMENT (Entertainment Menu), ENVIRONMENT (Environmental Forum), EPIE (EPIE Forum), FINANCE, FINTOL (Personal Finance), FLIGHTS (Travel Menu), FOOD, FORUMS (Menu of Forums), GAMES (Menu of Games), GOURMET (Electronic Gourmet), HEALTHUSERS (Health Users Group), HOBBIES (Hobbies Menu), HOLLYWOOD (Hollywood Hotline), HOME (Home Menu), HOTELS (A to Z Hotels), IBMNOVICE (IBM Novice Forum), IBMSIG (IBM Users Forum), INSURANCE, INTERESTS (Other Interests), INTERFACE, INVESTMENTS (Investments Menu), IQINTERFACE (IQ Interface Program), LAWSIG (Law Forum), LEGAL (Legal Menu), LEISURE (Leisure Travel Menu), LIBRARIES (Home Reference Menu), LOTUS (World Of Lotus), LOVE (Love Messages), MAGAZINES (Electronic Publishing Menu), MAUG (Apple Users Group), MEDICAL (Medical Menu), MOVIES (Movie Reviewettes), MSOFT (MicroSoft Users Group), SBP (Standard & Poore), SCI-FI (Science Fiction Forum), SCIENCE (Science Education Forum), SHOWBIZ (Showbiz quiz), STATE (Department of State), SPORTS (Sports Menu), TECHNOLOGY, TICKER (Ticker retrieval), VACATION, VIDEO, WEATHER (NOAA Weather Wire), WINEFORUM (Bacchus Wine Forum), and MUCH MORE.

On one board, I found the numbers of 40 other boards. Wow, there's so much information, education and entertainment.

Hayes, Lotus, Wordstar, IBM, and Apple IIE & IIC are registered trademarks of Hayes Microcomputer Products, Lotus Development, MicroPro, International Business Machines and Apple Computer.

## Maximum Force

Here's a \$949 retail value True Letter Quality Daisy Wheel printer for just \$699. It prints at an astounding 40 characters per second. It prints in bold, shadow, auto-underline and more, in 10, 12 or 15 characters to the inch plus proportional spacing.

It's a blur. At 40 characters per second, this industrial office printer simply blazes through work.

But, even at 40 characters per second, this daisy wheel printer's type is indistinguishable from a typewriter. It uses standard poly ribbon cartridges and interchangeable daisy wheels for superb 'presidential quality' typing.

So, if you want the blazing speed of a dot matrix printer with the 100% perfect 'personal quality' of a hand typed letter, this printer is for you.

#### ALL THE EXTRAS

With this printer you won't sit around waiting for your letters to finish. It's an industrial, high volume, continuous duty machine. Except, that at DAK's price, anyone can own it.

A front panel button lets you select 10, 12, or 15 character to the inch printing. If you type newsletters, you can even switch to proportional spacing.

This industrial 16" wide carriage printer will type a line of up to 132 Pica, 158 Elite, or 197 Micro characters.

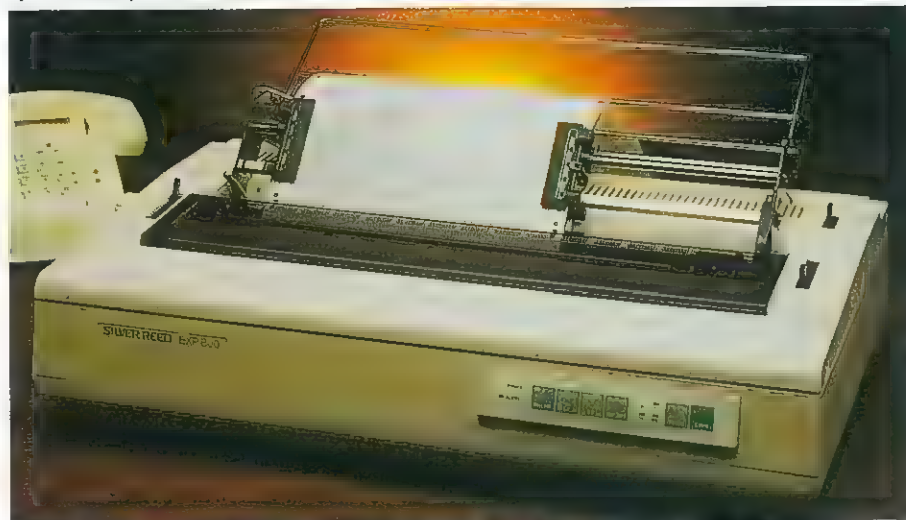
It takes up to 17" wide computer paper with its optional tractor feed (shown), and of course it will type on any of your standard or computer stationery.

#### ALL THE ENHANCEMENTS

You can set the left and right margins from your computer's keyboard. You can set and clear tabs and auto-justify.

You can turn on or off automatic underlining. You can print in bold, shadow, or bold/shadow. It's perfect for newsletters or reports. It even has a Vector Plot Mode that uses the period to create limited graphs for your reports.

You can print both subscripts and superscripts, right in the middle of a line. So, for symbols or emphasis, you can do it all.



top of any size form.

A print impression control lets you print an original and up to 3 copies. And, virtually everything is automated.

When you load a sheet of paper, just pull the 'Paper Injector button' and the paper will be automatically loaded.

Bidirectional printing is an expected function on any top quality printer. Silver Reed adds automatic logic seek to minimize wasted print head movement.

And with its built-in 3K buffer, it takes a load off your computer. This is a particularly good printer for turning out corporate reports with vertical columns and lots of preset tabs.

You can produce perfect looking 'hand typed' reports and letters in record time. Of course, for simple letters, just turn this easy to use printer on, and print.

It is 23.4" wide, 5.8" tall, and 15.1" deep. It is Centronics Parallel and operates under Diablo® 630 control codes.

Where only the best will do, this is the printer to use. It's backed by Silver Reed's standard limited warranty.

#### BLAZING LETTER QUALITY PRINTING RISK FREE

It's incredibly fast. It's built like a battleship to last for years of tough office

printing. Yet, it's incredibly easy to use.

If you're not 100% satisfied, simply return it in its original box within 30 days for a courteous refund.

To order your Silver Reed Blazing 40 Character Per Second Daisy Wheel Printer complete with Daisy Wheel and Ribbon risk free with your credit card, call toll free, or send your check for DAK's breakthrough price of just \$699 (\$18 P&H) Order No. 4653. CA res add tax.

We have the 100% identical Industrial Printer except that its speed is 25 characters per second for just \$499 (\$18 P&H) Order No. 4654.

The Optional Tractor Feed which takes computer paper up to 17" wide is just \$119 (\$6 P&H) Order No. 4655.

300,000 Character Poly Ribbons are just \$6 (\$0.50 P&H) Order No. 4657.

You can use any standard Centronics Parallel Cable, including the one you are using with your current printer.

They are available at any computer store, or call DAK's toll free technical support line at 1-800-272-3200.

Blazing speed and personally 'hand typed' looking reports and letters have never been so easy as they are with this phenomenal achievement in printing.



It's set for 11" paper, but there are switches which let you set up to 16 different form lengths from 3" to 17". Just touch the Form Feed Button to reach the







# BSR's Endangered Colossus

*Prepare for bone jarring bass and dramatically clear highs from these newly developed 15" 3-way 5 speaker systems that nearly missed their chance to charm an audiophile's ear. BSR moved its dbx and ADC divisions into one facility and these speakers almost became orphans. So now, they're yours at a close-out price.*

By Drew Kaplan

It's a shame. But, it's also a great opportunity to get a pair of 15" audiophile loudspeakers with the newest in stereo imaging at a market-breaking price.

Imagine a precisely matched mirror image pair of top-of-the-line BSR speakers that can effortlessly recreate the cataclysmic impact of a full orchestral crescendo at full volume and yet offer flawlessly subtle sound detail to 21,500hz.

You'll thrill to thunderous bass all the way down to 26hz. Incredibly rich, full, vibrant sound at low volume will explode with life as you increase the volume.

But before we examine the front speaker complement, the twin overlapping crossovers and the top mounted sonic placement and ambiance speakers, let's see why they were almost orphaned.

You see, BSR, the half billion dollar electronics giant, is the parent company of two of the best names in up-scale audio, dbx and ADC.

Last year dbx developed a new multi-thousand dollar speaker system called the Soundfield One which lets you sit virtually anywhere in your room and have full stereo imaging and terrific sound.

BSR decided to consolidate ADC and dbx into one building (still 2 companies) and put all its speaker efforts into dbx.

## POOR JACK

Well, while dbx's engineers were off designing their multi-thousand dollar masterpieces, BSR's Senior Acoustical Engineer (he had been Fisher's Chief Engineer for 10 years during its top end component stereo days), was designing BSR's radically new speaker line.

The revolutionary top of the line 15" stereo imaging pair pictured above will let you enjoy superb stereo imaging without sitting directly in front of your speakers.

But unfortunately, in the consolidation move, BSR's speakers went by the wayside, and so did Jack.

Enter DAK. After a few fearful negotiations and considering the engineering costs BSR had already expended, they agreed to make the speakers just for DAK.

Because there's virtually no BSR overhead left on these speakers, and the R&D was all but complete, we've gotten these speakers for virtually the component costs plus a little BSR labor.

And don't worry about Jack. BSR had him finish the engineering (they really are great people) and they'll pay him a royalty on each speaker we sell. Besides, by the time you read this, Jack is sure to be snapped up as the Chief Engineer at another esoteric audio company.

## WHAT'S STEREO IMAGING?

Stereo imagery is the logical separation and interaction between channels. It's the successful creation of a panoramic wall or stage of music rather than the confined, easily located 2 speaker sound. **IT'S WHAT'S INSIDE THAT COUNTS**

Imagine the full thunder of a kettle drum, or the pluck of a string bass being explosively recreated in your living room. BSR's 15" sub-bass acoustic suspension driver will revolutionize your concept of

low clean bass.

Its magnetic structure weighs a thundering 48 ounces. But that's not all. The magnetic field is developed by the rare earth metal Strontium for state of the art massive but flawlessly controlled bass.

A 38mm voice coil with a 200° centigrade temperature capacity, will handle the most demanding digital or analog recordings. And, a new super rigid cabinet design virtually eliminates coloration due to uncontrolled cabinet resonance.

At low volume, the bass will fill in and envelop you. At high volume, your room, your walls and your neighbors will shake. (Not for apartment dwellers please.)



## MATCHED PAIRS

The mid-range and high end of BSR's speakers are truly unique. Front mounted 8" polypropylene mid-range drivers provide rich sound while top mounted 5" polypropylene mid-range drivers provide an open, lifelike ambiance.

Front mounted exponential horn tweeters provide awesome brilliance to 21,500 hz, while top mounted tweeters enhance separation because they are mounted to the outside edge of each speaker.

So, this system has a specific left and a specific right speaker. You'll find wide, but interactive separation that will vastly widen your ideal listening area.

The imagery will give the illusion of musicians actually playing in front of you. Your music will take on a three dimensional quality. You'll enjoy superb stereo imagery regardless of each speaker's specific placement in your room.

## MORE SPECIFICS

The exponential horn tweeters, both in front and on the top of these systems, employ 25mm rigid phenol diaphragms for stability and accurate response.

Polyamid-imid binders and ferro-fluid coolant allow for a 300% increase in heat dissipation so you can drive the voice coils up to 200° centigrade.

**Now, the mid-range.** Both the 8" front firing and the 5" top firing polypropylene drivers reproduce the mid-range frequencies like no ordinary speakers.

It's amazing that so many speaker manufacturers simply slap in 5" paper mid-ranges to reproduce what's really the major portion of the sound spectrum.

BSR's 8" and 5" polypropylene mid-ranges are rigid, exacting drivers that deliver incredibly pure uncolored sound.

They have matched 25mm voice coils, also protected by ferro-fluid and polyamid-imid to 200° centigrade. They are driven by powerful barium ferrite magnetic fields.

## NOT QUITE FINISHED YET

To prevent phase shift and cancellation, two totally separate crossover networks are employed in these speakers.

All frequencies below 800 hz are directed to the 15" woofer. The front system routes frequencies above 800hz to the 8" mid-range to take full advantage of its superb reproduction capabilities. Frequencies above 3400hz are routed to the horn tweeter.

The top mounted system routes only frequencies above 1200hz to the 5" polypropylene mid-range driver, and frequencies above 3400hz are routed to the top sonic placement tweeter.

There are level controls for both the top and front mounted speakers so that you can voice the speakers to match your musical taste and environment.

Note: Only the top tweeters are mounted at the the edges. The front mounted tweeters are conventionally mounted for acoustical symmetry.

Each speaker is fuse protected for up to 200 watts peak, 150 watts continuous power. You can operate these super efficient speakers with as little as 20 watts.

## AND OH WHAT A PRETTY FACE

The speaker systems are 30" tall, 19½" wide and 10½" deep. Their lovely oak wood-grain appearance is enhanced by the dark removable grill cloths that beautifully contrast with the rich wood-grain tones. They're a statement of audio elegance when placed in any room. They're backed by BSR's 2 year limited warranty. **A COLOSSAL DREAM COMES TRUE**

## RISK FREE

You'll hear depth of sound at low levels that was previously unobtainable. And yes, when you crank up the volume, your music will explode with realism and drama.

Try these speakers in your own system. Then compare them at any Hi-Fi Store with any pair of speakers up to \$1000. If they don't beat all the competition hands down, simply return them to DAK in their original boxes within 30 days for a courteous refund.

To order your matched pair of BSR top-of-the-line 15" 3-way 5 speaker systems with unique stereo imaging risk free with your credit card, call toll free or send your check for DAK's market-breaking price of just \$298 for the **MATCHED PAIR** plus \$22 for Postage and Handling. Order No. 4352. CA res add tax.

It's a dream system for an audiophile. Sonically pure, thunderously powerful, these BSR speakers will make your future listening years an on-going fabulous, if not earthshaking experience.



**DAK INDUSTRIES INC.**

Call Toll Free For Credit Card Orders Only  
24 Hours A Day 7 Days A Week

**1-800-325-0800**

For Toll Free Information, Call 8AM-5PM Monday-Friday PST  
Technical Information... 1-800-272-3200  
Any Other Inquiries... 1-800-423-2866  
8200 Rammet Ave., Canoga Park, CA 91304



# Colossus System Breakers

*Even if you aren't into massive foundation-shaking sound, you can benefit from the genetic engineering of the Colossus Family. And, since many system manufacturers make most of their money on the 'included' speakers, get ready for a shock.*

By Drew Kaplan

It's true. If you've bought a stereo system in the last 5 years, it's time to take a look at the speakers.

You see, many manufacturers put all their money into the electronics and add basic 1 or 2-way speaker systems.

After all, they sell their stereos based on features. And, it's easier to sell a system with an extra button than with a woofer with a bigger or better magnet.

## REALLY DUMB

It's amazing to me that manufacturers don't provide the best speakers possible. Because, quite frankly, I find speakers can account for about 40% of the overall musical quality of your system.

This isn't an insult, but I've refused to use speakers from several large companies when I sell their systems.

So, here's my proposition. Try a pair of the BSR speakers on this page in your current system. If you're not 100% thrilled, simply return them with a note that says, "Drew, you were wrong".

**We'll not only refund your money, we'll send you a free gift.**

You can bet that I'm pretty sure you're going to like these speakers. After all, they use the same components as the Colossus Speakers on the previous page and were designed by the same engineer.

So, if you purchased top of the line speakers separately, I'd have to compare ours on a case by case basis. But if yours came with a system, I'm confident that BSR's can knock your socks off.

Use your current speakers in your bedroom or some other room. But, for really exciting sound, read on.

## THE 10" 3-WAY POWERHOUSES

The 10" Colossus systems with their rare earth Strontium magnetic structures, can reproduce dramatically clean, massive bass down to an impressive 32hz.

A new super rigid cabinet design virtually eliminates coloration due to uncontrolled cabinet resonance. So, these acoustically sealed systems can easily produce more powerful and yet more refined bass than many 12" systems.

Be sure to note the flexible black acoustic rings around the white inner liners of these woofers. They really let these woofers react to the demanding requirements of state of the art bass reproduction.

The mid-range is smoothly reproduced in fine detail by 5" rigid polypropylene mid-range drivers with 25mm voice coils.

Polyamid-imid binders and ferro-fluid coolant allow for a 300% increase in heat dissipation, so you can drive the voice coils up to 200° centigrade.

You can expect stable, accurate, uncolored mid-range that will provide you with full rich sound at low levels and increasing excitement at high levels.

The exponential horn tweeters produce dramatically striking highs up to 21,500hz that will make your music come alive. There are brightness controls so you can sculpture your sound.

The speakers are rated for 90 watts peak and 45 watts continuous power.

These speakers are 23 3/4" tall, 13 3/4"



wide, and 8 3/4" deep. Their rich oak wood-grain appearance which surrounds the contrasting dark grill cloths, will be an elegant addition to any room.



## 8 INCHES OF RICH POWER

BSR also has rich, powerful 2-way 8" speaker systems. They too use woofers with rare earth Strontium magnetic structures. While they won't shake your foundation, you'll be impressed with the rich full deep bass they produce.

Like their big brothers, they are enclosed in rigid cabinets to prevent bass coloration. Because they are only 8" in size, they can also reproduce mid-range.

And, they too have the flexible black acoustic rings around the white inner liners of the woofers for deep bass.

The response down to 38hz is remarkable for 8" systems. So, don't expect weak bass. And, don't expect weak highs.

You'll have the same exponential horn tweeters as in the bigger Colossus systems for a vibrant exciting 21,500hz

high end frequency capability.

On the floor or in a bookcase, the rich oak wood-grain appearance which surrounds the contrasting grills, will be a beautiful addition to any room. They are 19 3/4" tall, 11 3/4" wide and 8 3/4" deep.

**BSR speakers are fuse protected and backed by a 2 year limited warranty.**

**INFUSE YOUR STEREO SYSTEM**

## RISK FREE

Compare these BSR speakers with your speakers. Listen to the deep rich bass. Then listen to the smooth clean mid-range and the dramatically alive highs.

If you're not 100% satisfied, simply return them to DAK in their original boxes within 30 days for a courteous refund.

To order the 10" 3-way Colossuses with 10" Strontium Woofers, 5" Polypropylene Mid-Ranges and Exponential Horn Tweeters risk free with your credit card, call toll free or send your check for just **\$149 FOR THE PAIR (\$14 P&H)**. Order No. 4638. CA res add tax.

To order the 8" 2-way Colossuses with 8" Strontium Woofer/Mid-Ranges and Exponential Horn Tweeters risk free with your credit card, call toll free or send your check for just **\$99 FOR THE PAIR (\$10 P&H)**. Order No. 4639.

These speakers will bring you years of superb musical sound and add truly elegant visual appeal to any room.



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8200 Remmet Ave., Canoga Park, CA 91304



# The \$69<sup>90</sup> Blahs Buster Collections

You'll never be bored again when you have a collection of 10 classic films on your shelf waiting for you to enjoy. You even get the beautiful case pictured for \$69<sup>90</sup>.

It's frustrating. You sit down to watch TV and there's nothing on. Or worse, a two hour movie is half over.

Well, now you can have your own collection(s) of classic films. Films that are filled with intrigue, music and comedy. Films from the Golden Age of theater before blood and guts replaced fine acting.

These movies are all classics. Most are black and white (color noted by (C)). And virtually all of them feature top stars whom we have grown up admiring.

The VHS video cassettes are top grade with running times from about one hour to over two hours. The quality of the print varies, but none are bad. Just wait till you see the names, the stars and the directors. For lack of space, I'll just list the title, and the star or the director.

There are 3 libraries for you to choose from. Each includes 10 Classic films on 10 VHS cassettes. And each comes in a deluxe library case as shown above.

They make magnificent gifts, especially for your own family. These will be treasured possessions you'll enjoy again and again over the years.

## COLLECTION NUMBER ONE

ALGIERS, Charles Boyer, Hedy Lamarr--WHEN COMEDY WAS KING, Charlie Chaplin, Buster Keaton, Laurel/Hardy--IT'S A WONDERFUL LIFE, James Stewart, Donna Reed, Lionel Barrymore--CYRANO DE BERGERAC, Jose Ferrer--MURDER, Alfred Hitchcock--FLYING DEUCES, Laurel and Hardy--SHERLOCK HOLMES AND THE SECRET WEAPON, Basil Rathbone, Nigel Bruce--GUNG HO!, Randolph Scott, Robert Mitchum--DR. KILDARE'S STRANGE CASE, Lew Ayres,



Lionel Barrymore--FIRE OVER ENGLAND, Laurence Olivier, Vivien Leigh, Raymond Massey. Order Collection One for a risk free trial for just \$69<sup>90</sup> (\$4 P&H). Order No. 4687.

## COLLECTION NUMBER TWO

SPITFIRE, Leslie Howard, David Niven--THE LUCKY TEXAN, John Wayne, Gabby Hayes--THE INSPECTOR GENERAL, (C) Danny Kaye--UTOPIA, Laurel & Hardy--SECRET AGENT, Robert Young, John Gielgud, Peter Lorre--HEIDI, (C) Heinrich Gretler--SHERLOCK HOLMES: DRESSED TO KILL, Basil Rathbone, Nigel Bruce--TOPPER RETURNS, Joan Blondell, Dennis O'Keefe--THE MAN WHO KNEW TOO MUCH, Leslie Banks, Peter Lorre--A STAR IS BORN, (C) Janet Gaynor, Fredric March.

Order Collection Two for a risk free trial for just \$69<sup>90</sup> (\$4 P&H). Order No. 4688.

## COLLECTION NUMBER THREE

MURDER BY TELEVISION, Bela Lugosi--INDISCREET, Gloria Swanson, Ben Lyon--AFRICA

SCREAMS, Abbott & Costello--ANGEL AND THE BADMAN, John Wayne, Gail Russell--HIS GIRL FRIDAY, Cary Grant, Rosalind Russell, Ralph Bellamy--PENNY SERENADE, Cary Grant, Irene Dunne--THE JUNGLE BOOK, (C) Rudyard Kipling--THE APE MAN, Bela Lugosi, Wallace Ford--NIGHT OF THE LIVING DEAD, George Romero--THE LADY VANISHES, Alfred Hitchcock.

Order Collection 3 for a risk free trial for just \$69<sup>90</sup> (\$4 P&H). Order No. 4689.

## TRY MOVIE CLASSICS RISK FREE

If you're not 100% satisfied, simply return them in their original boxes within 30 days for a courteous refund.

Use the Order Numbers shown at the end of each group to order.

You'll enjoy hours of classic entertainment when you have these libraries in your home to watch whenever you please.

# Multiple Personality Close-Out

Here's an incredible close-out on a microwave oven that not only defrosts, but toasts and bakes too. Wow!

By Drew Kaplan

I've got a weight problem. I'm always dieting. Even one greasy hamburger off 'The Truck' adds a pound to my weight.

In 1972, I bought one of the first microwave ovens on the market, and I've been eating good, wholesome food at work and at home ever since.

One of my favorite lunches is the left-over steak, chicken or fish from the night before. It takes less than 2 minutes to reheat a moist, great tasting steak.

And, if I want a snack, I make a baked apple (no sugar) in just 4 minutes. At home, my wife makes a baked potato for herself in just 6 minutes.

And, in the morning I make scrambled eggs with no butter in less than two minutes. Bacon takes just 3 minutes.

## NOW THERE'S MORE

Imagine this compact 17.9" wide, 14.8" deep microwave on your kitchen counter. Then consider that it's also an oven for baking and a toaster.

Yes, Emerson has perfected an oven that not only lets you microwave, but lets you brown, bake or toast as well.

There's a removable steel cooking tray for all functions and a wire rack for toasting. So, now you can have one appliance that will microwave, defrost, and even bake and toast for you.

Push buttons let you select your cooking mode. A standard oven temperature control (low to 500°) lets you select the baking temperature, and there's a 60 minute timer that controls both.



The cooking cavity is .4 cubic ft. It is 10.8" X 10.6" X 7.7" high. You also get a 115 page cookbook. It's made by Emerson and backed by their incredible 7 year Magnetron, 2 year parts and 1 year labor, limited warranty.

## MICROWAVE BAKE OR TOAST RISK FREE

At home or at the office, you can cook

any way you want. If you're not 100% satisfied, simply return it in its original box within 30 days for a refund.

To order Emerson's Microwave, Defroster, Toaster, Bake Oven risk free with your credit card, call toll free or send your check, not for their over \$250 suggested retail, but for just \$129<sup>90</sup> (\$18 P&H). Order No. 4686. CA res add tax.



**\$49<sup>50</sup> BREAKTHROUGH!**



When you are at rest, so is your heart. A low resting heart rate usually means you're in good condition. Have you checked yours?



When you exercise, you should reach your heart's target zone. But, have I reached my exercise target zone, or just had too much coffee?

# Heart Window

**Now you can exercise, rest, swim or go out to dinner wearing the latest in computer pulse takers on your wrist. Plus, it's a talented sports watch and a formal dress watch too.**

By Drew Kaplan

It's a fact. You can tell a lot about yourself from your heart rate. You can evaluate the condition you are in, how much stress you are under, and how hard you should be exercising.

Think about it. How fast does your heart beat when you climb a flight of stairs? And how long does it take for your heart rate to return to normal?

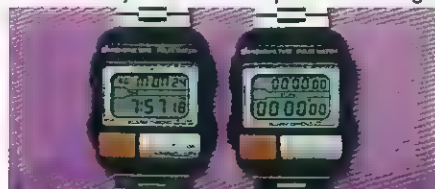
Well, if you're at all like me, you may be a little out of shape. While I'm only 37, several friends of my own age have recently had heart attacks. And frankly, I'm getting just a bit worried.

You see, I am getting past the point where I can simply say, "I'll get back into shape next year."

So, whether you're a long distance runner (this is the ultimate jogging companion), or just a few pounds overweight like I am, your heart rate will give you a picture of your heart and body's condition.

Now you can take your heart rate anytime, anywhere with the newest in sophisticated electronic pulse takers.

And best of all, this heart computer is contained in a beautiful 24 hour alarm, 24 hour chronograph, LCD watch, that you will be as proud to wear with a coat and tie as you are when you're running.



## YOUR HEART'S TARGET ZONE

Your heart, just like any other muscle in your body, requires exercise. Unfortunately, unlike your arms, you can't see your heart's condition just by looking.

The type of exercise called aerobic exercise is specifically designed to exercise your heart. The purpose of aerobics is to reach your heart's target zone.

So what is your target zone? Your target exercise zone is between 60 and 80% of your maximum heart rate. And here's an easy way to figure it out.

Simply subtract your age from 220 beats per minute. So, for me at 37, my maximum heart rate is (220-37) or 183.

So when I exercise I should get my

heart rate up to at least (183 X 60%) or 110 beats per minute, and no higher than (183 X 80%) or 146 beats per minute.

With the Heart Window to help me, I can be sure that my workouts are valuable for my heart and neither dangerous escapades or total wastes of time. Of course, **before beginning any exercise program you should consult your own doctor.**

Note: The Heart Window is designed to indicate your pulse rate and aid your exercise, not to make medical diagnoses. **BUT ISN'T EVERYONE DIFFERENT?**

Here's the really exciting part. The worse shape you're in, the faster you'll reach the target zone and the less work you'll have to do to stay in the zone.

You see, as you get in shape, your heart doesn't have to beat as hard to do the same amount of exercise. Just as when you work out with weights your arms become stronger, your heart becomes stronger with aerobic exercise.

So the Heart Window is safe for the beginner or the athlete. And, you'll really see your improvement as you exercise. **But you don't have to exercise.** Just wearing the Heart Window and using it at the office when you're under stress, after you've walked up some stairs or around the block, will make and keep you aware of your body's physical condition.

**And look at this.** Sit down at your desk and take your pulse. Then drink a couple of cups of coffee and take your pulse again. You'll see just what your morning 'pickup' actually picks up, and if, God forbid, you smoke, take your pulse before and after a cigarette. Wow!

## ALL ELECTRONIC

With Innovative's new Pulsemeter watch, you'll have supreme accuracy. It's like a direct electronic line to your heart.

You see, unlike other pulse meters that use a light shining through your finger, or a microphone to take your pulse, this instrument actually measures the electrical impulses that cause your heart to beat.

The back of the watch is one receptor, and the metal touch sensor on the front of the watch acts as the other sensor. Just touch the sensor, and you'll see your pulse on the large LCD Display.

**IS IT A DRESS OR SPORTS WATCH?**

Innovative Time thinks that everyone interested in their pulse must be a pro-

fessional athlete. So, they've built this watch with all the athletic extras.

It's not only water resistant, it's guaranteed to 60 feet (although you can't actually take your pulse underwater). It has a stopwatch, a lap timer, and dual finish mode. Its band is made of very tough polymers. So, it's a sports watch.

But wait, I don't like black watches for dress. So, I've gotten Innovative to add a deluxe matching stainless bracelet to the watch. It's rendered in stainless and black and is a perfect high fashion choice. So, it's a dress watch.

Plus, there's a 24 hour alarm and an hourly chirp. The stainless band is great for sports or dress. So, you'll get the watch with the black band on it and the high fashion band packed with it, compliments of Innovative Time's superb engineering and DAK's good taste.

The Heart Window is backed by Innovative Time's 1 year limited warranty and comes with a 1 year battery in place.

## TRY THE HEART WINDOW RISK FREE

Now you can look at your heart as easily as the time. You'll see how you react to stress, foods and exercise. Don't let DAK's low price confuse you. Take this pulse watch to your own doctor and have him test it.

Try the Heart Window risk free. Try exercising and then check your cardiac recovery rate. If you don't like what you see, you'd better keep the watch. But if you just don't like the pulse watch, simply return it within 30 days in its original box for a courteous refund.

To order your Heart Window, Pulse Sports/Fashion Watch, complete with 2 bands risk free with your credit card, call toll free or send your check for just **\$49.50** plus \$3 for postage and handling to DAK. Order No. 9844. CA res add sales tax.

In the gym, at the track or at the office, you'll have a direct connection to the condition of your heart.



**DAK**  
INDUSTRIES INCORPORATED

## TOLL-FREE ORDER LINE

For credit card orders call 24 hours a day 7 days a week  
**CALL TOLL-FREE. . . 1-800-325-0800**  
8200 Remmet Ave., Canoga Park, CA 91304





# Fat Watcher Plus

Now you can walk or jog around the block, walk around the office or even around a trade show, and know how far you've traveled and how many calories you've burned. Use the alarm to set calorie and distance goals.

By Drew Kaplan

No, you don't have to be fat. And no, you don't have to be a marathon runner. However, if you are, you're going to marvel at the feedback you'll get from this new electronic Body Monitor.

Before we explore how you can use this Body Monitor's capabilities to aid you in losing weight (as it is me) and to measure your training achievements, let's look at some interesting curiosities.

If you're like me, you've probably wondered just how far you go when you walk around the block. And, every year I attend the Consumer Electronics Show and I've always wanted to know how far I walk.

Since my plane always seems to be at the last gate at every airport, I've wondered just how far I go. I've also been curious about how much ground I cover in an average day at the office.

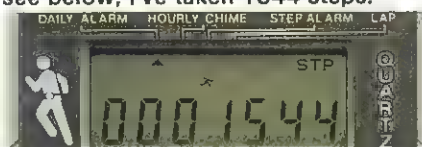
Well now, not only will I know how many steps I've taken, I'll know how many miles or hundredths of miles I've gone and how many calories I've burned.

Now we will know it all. And, with the ability to set goals, we can use this monitor to help achieve our desired fitness.

## ONE STEP AT A TIME

It all starts out with one small step. Just clip the Body Monitor on your belt or waist band and away you go.

First it counts your steps. As you can see below, I've taken 1544 steps.



It knows how far you've gone because you set it to your particular stride length. As you can see, I've got mine set at 2½ feet. But you can set yours from 0 to 7'.



Because it knows your stride length, it automatically calculates the distance you travel. Just touch a button, and as you can see, I've traveled 0.58 miles.



Push the button again, and you can see how many calories you've burned. The Body Monitor has a built-in table that calculates an average of how many calories you've burned, based on the number of steps you've taken.

And, you can be even more accurate by adding your exact weight to the body meter's reading. A formula is included.



What's really great is that you can set a target for yourself to achieve. Here I've set 2500 steps. When I reach 2500 steps, an alarm will sound to tell me that I've achieved my goal.



But steps aren't very interesting, so you can set the alarm to let you burn 100 calories or go 3 miles. It's all calculated through the steps, so it's really easy.

Let's say I want to eat an ice cream sundae. It has 260 calories. So, I'd have to walk 5200 steps. I'm forgetting the ice cream sundae, but I may have a piece of cheese or maybe even a cookie.

Using the Body Monitor for running or walking lets you see just what you've accomplished. And while I can't speak for you, I personally work and play best when I set goals.



The Body Monitor lets me set and achieve goals. So, it's been a terrific aid in my personal fitness program.

By the way, it's 1.03 miles around my block and I burn about 105 calories.

I'm really excited about finding out just how far I walk at the Consumer Electronics Show, but I'll have to wait till it opens in January to find out.

SO MUCH MORE

It may look small, but it has so much inside. It has a built-in clock with hourly chime, so you don't have to wear a watch.

It has a stopwatch, accurate to 1/100th of a second resolution. And not only does it have a lap timer, it has first and second place finishes.

But, with all its frills and all its great curiosity satisfiers, it's really a precision fitness aid.

So, if you walk, jog or exercise, the Body Monitor can aid in measuring what you've accomplished. It comes with a one year battery, and it's backed by a one year limited warranty by Innovative Time, the Pulse Watch People.

## SATISFY YOUR CURIOSITY RISK FREE

I've been dieting and exercising for years. I use my pulse watch all the time and it tells me how I'm doing. Now the new Body Monitor gives me feedback as to what I'm accomplishing.

And, I particularly like the goal setting alarms. Now, instead of watching my watch to see when I've run enough, an alarm sounds when I'm through. Plus, it's really neat to know how much ground you've covered around the office or around the block.

If you're not 100% satisfied, simply return it to DAK in its original box within 30 days for a courteous refund.

To order Innovative Time's Body Monitor with Step Counter, Mileage Counter, Calorie Counter, Stop Watch and Goal Setting Alarm, call toll free, or send your check for DAK's breakthrough price of just \$39<sup>90</sup> (\$3 P&H) Order No. 4651. CA res add tax.

It's great for fitness, but I'm wearing mine to work and even around the house. It's small in size, but it sure feeds back a lot of exciting information.



**DAK INDUSTRIES INC.**

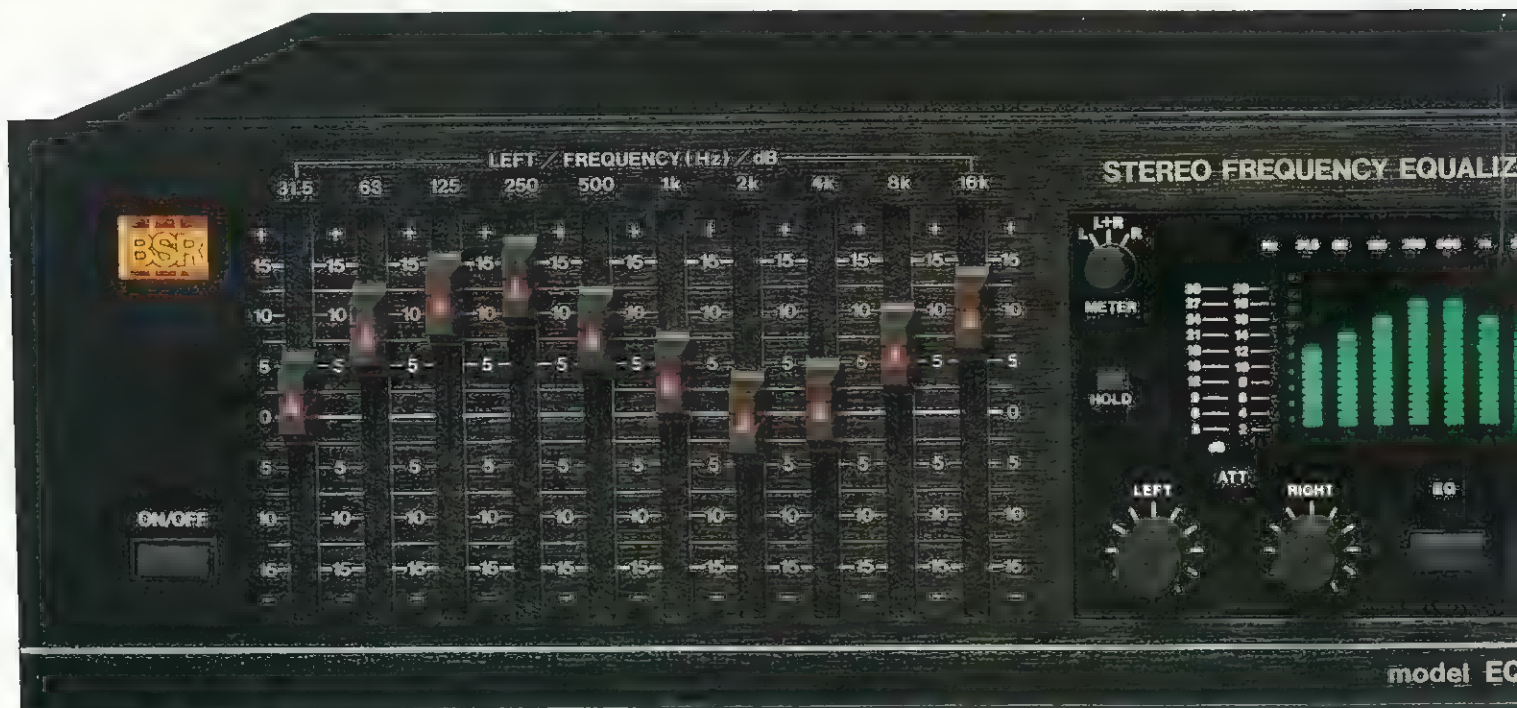
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# Smart Sound Detonator

*Obliterate the wall between you and the individual instruments in your music. Infuse your own stereo system's sound with a breathtakingly vibrant 30 to 50% improvement in sound quality that you can measure with this superb BSR Equalizer/Spectrum Analyzer limited \$149 close-out.*

By Drew Kaplan

Close your eyes. Touch a button. And you'll hear your stereo system literally explode with life.

You'll hear the gentle brushes on a snare drum, the startling bone-jarring realism of a thunder clap, or the excitement of a full cymbal crash.

You'll hear string basses and other deep low instruments emerge from bass (that will sound murky by comparison), with such clarity and such definition that you'll feel you can almost touch each instrument.

This astoundingly distinct yet powerful bass adds such a full bodied warm feeling to your music, you'll feel as if you've been lovingly wrapped in a warm soft blanket on a cold winter's night.

**But don't take my word for the sound quality improvement.** With the Pink Noise Generator, Calibrated Electret Condenser Mike and the 220 Element Spectrum Analyzer, you can instantly measure each and every improvement you make.

Plus, there's more. A subsonic filter effectively adds the equivalent of many watts onto the power of your amplifier.

Plus, with its provision for two separate tape decks including two way dubbing, you'll have much more than just greatly improved sound.

You can count on great sound from this top of the line Equalizer/Analyzer. It has a frequency response from 5hz to 100,000hz  $\pm 1$ db. And, it has an incredible 100db signal to noise ratio.

BSR, the ADC equalizer people, make this super Equalizer/Analyzer and back it with a 2 year standard limited warranty. Our \$149 close-out price is just a fraction of its true \$379 retail value.

## FIRST THE EQUALIZER YOUR STEREO'S HIDDEN SOUNDS

Your stereo can sound incredibly bet-

ter. Just a 5db roll-off at the high end, up around 14,000hz to 16,000hz, can just decimate the harmonics that give you the open feeling you'd experience at a live concert. A similar roll-off at 60hz, causes the fundamental bass notes to just fade away into the 'murk'.

An equalizer isn't some magical device that manufactures sounds that don't exist. Most of the frequencies that will make your music really vibrant, are actually already recorded in your music.

You'll be able to prove this with a few simple tests we'll try when we discuss the Spectrum Analyzer.

You see, certain frequencies are simply not reproduced with as much volume as are the mid-range frequencies which stretch from about 800hz to 2,000hz.

An equalizer simply lets you establish accurate control of all frequencies to fit your equipment, your recordings, your taste, and your listening environment.

### TOTAL MUSICAL CONTROL

And, what a job it can do. It's totally unlike bass and treble controls which simply boost everything from the mid-range down for bass, or everything up for treble. You can boost the low-bass at 31.5hz, 63hz and/or 125hz to animate specific areas or instruments.

And, when you boost the part of the bass you like, you don't disturb the mid-range frequencies and make your favorite singer sound like he has a sore throat.

The high frequencies really determine the clarity and brilliance of your music. The problem is that highs are very directional. Wherever you move in your listening room, you'll find a big difference in high end response, as you'll see when we test the Analyzer.

No recording engineer or equipment manufacturer can even begin to control your listening environment.

You can control the highs at 4,000hz, 8,000hz and/or 16,000hz, to bring crashing cymbals to life at 16,000hz while at the same time you can cut tape hiss or annoying record scratches at 8,000hz.

But there's more. Don't leave out the mid-range. You can boost trumpets at 300 to 500hz or a clarinet at 1000hz. You can boost or cut any part of the frequency spectrum a full  $\pm 15$ db.

### TAPE DECK HEAVEN

You can push a button and transfer all the equalization power to the inputs of two tape decks. Now you can pre-equalize your cassettes as you record them and get all the dramatically enhanced sound recorded right on your cassettes.

This is an especially great feature when you play your cassettes on bass-starved portables or high-end starved car stereos.



### SIMPLY PLUG IT IN

Use your tape monitor circuit, but don't lose it. Now your one tape monitor circuit lets you connect two tape decks.

Just plug the equalizer into the tape 'in' and 'out' jacks on your receiver or preamp. We even supply the cables.

As you listen to your records, FM or any 'Aux', any time you push the tape monitor switch on your receiver you'll hear your music jump to life.

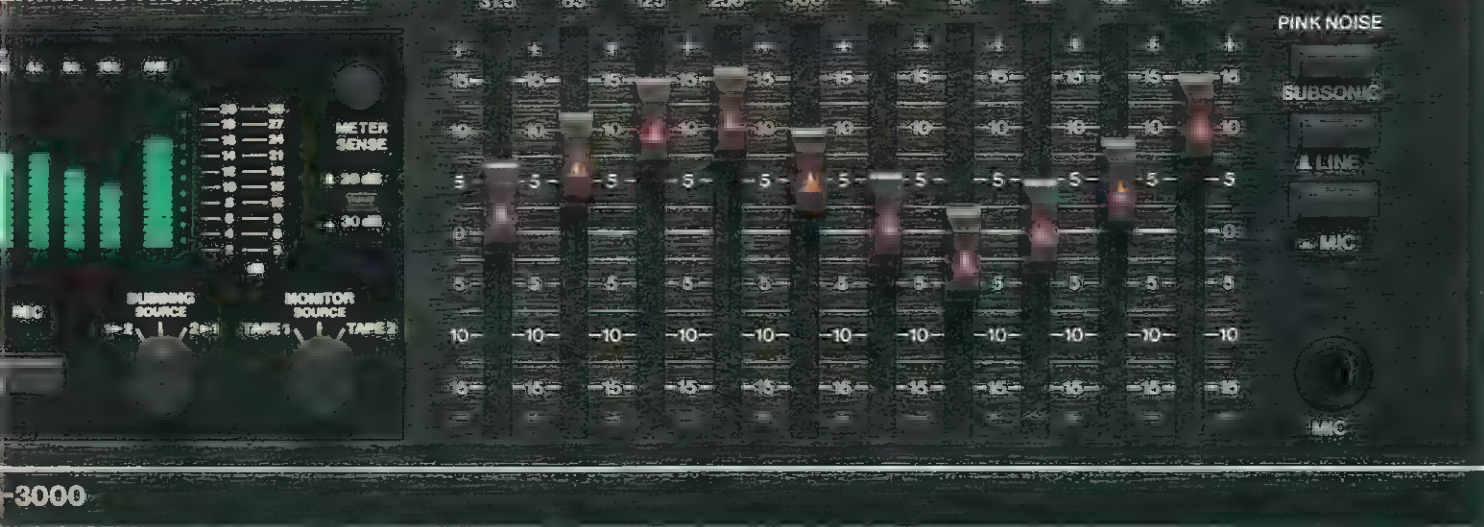
The output from your receiver is always fed directly to your tape deck(s) for recording, and with the touch of a button, you can choose to send equalized or non-equalized signal to your deck(s).

When you want to listen to a tape deck, just select which tape deck you want, turn the switch on the equalizer,



**\$149 CLOSE-OUT**

**EQ/SPECTRUM ANALYZER**



and your tape deck will work **exactly** as it did before. Except, now you can listen with or without equalization.

**Look at this.** You can dub tapes from deck 1 to deck 2, or from deck 2 to deck 1 with or without equalization.

**THE SUBSONIC FILTER**

Much of the power drawn from your amplifier is used to drive your woofers. When you drive the amplifier too hard, it clips and you end up with distortion.

A subsonic filter removes a lot of non-musical material you can't hear that exists below 20hz. So, it relieves your amplifier of a lot of work. It doesn't actually create more watts (Please, no letters from my 'technical' friends) for your amplifier.

But, it's like turning off the air conditioning in your car. It saves you using about 7hp of what you have. And therefore, you'll have more watts for clean powerful sounding music.

**THE SPECTRUM ANALYZER**

Now you can scientifically analyze your stereo listening room and test your equipment by using BSR's Real Time Frequency Spectrum Analyzer.

Plus, you'll see your music not as a single level on a VU meter, but as a kaleidoscopic parade of 10 individual 20 element VU meters.

Each is tuned to a specific octave of the sound spectrum. An eleventh 20 element meter averages all levels.

The effect is awesome. You can visually isolate a string bass or cymbal, and actually see each individual instrument almost as a wave moving across the 220 individual florescent elements.

**THE MOUTH AND EARS**

**It talks.** The Analyzer speaks with a voice of pure calibrated Pink Noise. Pink Noise is the standard composite 'sound' of all frequencies used for testing in labs around the world. All frequencies from 20hz to 20,000hz are generated at the exact same level at the exact same time.

**It listens too.** If you are testing a cassette or a component in your system, use the 'Line Button'. If you're testing your whole system with speakers, use the matched calibrated electret condenser

microphone (included). Either way, you'll have a quick, easy and accurate way to evaluate the total sound of your system.

**HOW TO TEST**

**SPEAKERS, EQUIPMENT AND TAPE**

Testing your speakers in your listening room is the really crucial test. Simply place the calibrated microphone where you normally sit to listen to your stereo.



At the end of an 18 foot cord is the ear of the system. Just clip the mike wherever you sit and test your room.

Turn on the Pink Noise. You can switch to Left Channel, Right Channel or both. There's a meter range button, a sensitivity control, and even a switch that lets you freeze the meter.

Just sit down at the equalizer. Start with one channel. You'll see all 10 octave bands on the meter. Just slide the corresponding controls to increase or decrease any area that needs help.

You have now set up your system to its maximum capability. But as you'll see, location is very important. Move the microphone 5 feet to the left or right.

Then turn on the Pink Noise and check the Spectrum Analyzer. Now you can see why the specifications that come with your system are only a starting point. Here's a way to test your tape deck and tape. First record Pink Noise for 3 minutes at -20VU. Then play it back and note the readings on the meters.

Now, record the Pink Noise again at 0VU or +3. Wait till you see how much the high end falls off. Now you'll see why all specifications are listed at -20VU.

With the Equalizer/Analyzer you can enjoy the finest stereo sound from your system and be a test lab too.

**WHY SO CHEAP**

BSR now only sells equalizers under their ADC name. Well, as Detroit comes out with new cars each year, ADC comes out with new equalizers. We got them to supply us with just 30,000 of last year's

ADC model before they shut it down.

They had already paid for all the tooling, all the research and design, so we were able to buy these for less than half the normal price, for cold hard cash.

**THE FINAL FACTS**

There are 20 slide controls, each with a bright LED to clearly show its position. Each control will add or subtract up to 15db. (That's a 30db range!)

There are separate sound detonation slide controls for each channel at 31.5hz, 63hz, 125hz, 250hz, 500hz, 1,000hz, 2,000hz, 4,000hz, 8,000hz, and 16,000hz.

BSR backs this top of the line Graphic Equalizer/Spectrum Analyzer with a 2 year standard limited warranty. It is 17 1/8" wide, 3 1/2" tall and 8 3/4" deep.

**MAKE YOUR MUSIC EXPLODE  
RISK FREE**

It's startling. Music so vibrant with life you'll swear it's 3 dimensional. Sculpture your music any way you want it. If you're not 100% satisfied for any reason, simply return it to DAK within 30 days in its original box for a courteous refund.

To order your BSR EQ3000 Smart Sound Detonator 10 Band Graphic Equalizer with Real Time Spectrum Analyzer and Calibrated Mike, with Subsonic Filter and Two Way Tape Dubbing risk free with your credit card, call toll free, or send your check, not for the \$379 retail value. Don't even send the \$227.97 dealer cost. Send just \$149 plus \$8 for postage and handling. Order No. 4100. CA res add sales tax.

The sound of your stereo will explode with life as you detonate each frequency band with new musical life. And, you can see and measure exactly what you've done.



**DAK**

INDUSTRIES INCORPORATED

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# So, What's A Fax Anyway?

Forget overnight air services and local couriers. Now you can transmit a letter and have it there NOW. From major corporations to work at home executives and salesmen, Fax machines are linking offices everywhere.

By Drew Kaplan

It's amazing. You can literally make any office anywhere in the country, an office down the hall.

But, instead of walking down the hall, just dial the person's phone number. Then put your letter or report into this Fax and a copy will emerge at the other end.

I have one at home so that reports are on my Fax when I get up in the morning. If I'm working late (usually), I Fax instructions to my secretary that she can act upon when she arrives in the morning.

From the companies DAK does business with to magazines we advertise in, we can and do Fax virtually everything. It saves us a fortune in time.

For example, if you're on the phone and you want to see the specifications of a product or a contract agreement, you no longer have to say, "Express it to me and we'll talk tomorrow". Now you can read the report in minutes.

We put a Fax into the company that maintained our computer. When we had packing slip problems, we just Faxed copies to them and had instant action.

Prior to using Faxes, we would have to air express the problem packing slips and wait for a response.

## BUT WHO HAS THEM?

Ask your attorney, your accountant or your bank. Ask any manufacturer or importer. Faxes are fast and cheap.

During this last year, I've found that virtually every company DAK works with is using a Fax to transmit written information to its executives and to the people it does business with.

Fax machines, or telecopier or facsimile machines as they are called, can save you time and money.

I send copies of ads to magazines for approval. I get instant copies of industrial specifications from manufacturers. And, it now takes less time to deliver a purchase order than it does to type it.

## HERE'S WHAT IT IS

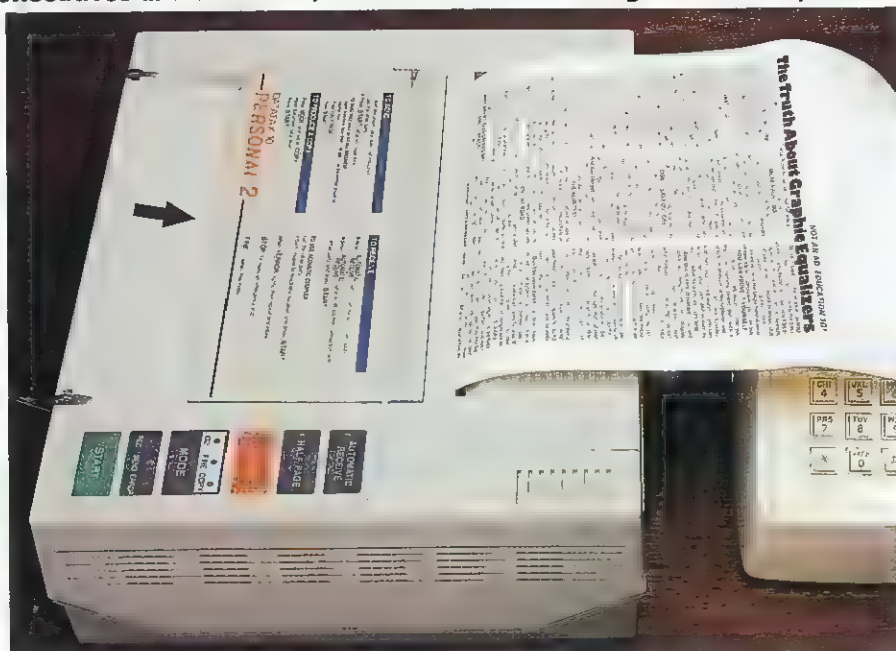
A Fax is really very much like a copy machine. Just feed a document in and it digitizes the information and transmits the digitized information over a phone line. Another Fax machine at the other end of the line receives the information and translates it into dots.

Then, much like a dot matrix printer, out comes a copy. It's quick, just about 3 minutes a page. It's easy. And the quality, while certainly not up to an office copier, is quite readable.

You can Fax written words or line drawings or graphs, not glossy photos. You can Fax original typed material, or just the copies out of your copy machine.

## EASY INSTALLATION

Just plug it in and it's ready to go. You have two choices. You can plug it direct-



ly into your phone line, or you can use its acoustical coupler (included).

When you choose to plug it in, you can either use a dedicated phone line, or simply share your existing line.

To send a Fax, just put in your document, dial the number and push Start.

If you're using the acoustic coupler, simply strap it to the handset.



To receive a Fax, if you have the machine plugged in as I do, just leave it on auto-receive. It will act like a written answering machine and receive material without anyone having to be present.

The Fax is a totally automatic machine. When it's through sending, it will shut off and automatically release the line.

If you use the acoustic coupler, just unstrap it (2 seconds) when the copy is finished, and hang up the phone.

At trade shows, how great to have a Fax in the booth or in your hotel room. Now you'll never be out of touch. You can Fax in orders or get copies of information that you don't have with you.

## FINAL FACTS

The Fax machine comes complete with acoustic coupler and plug-in network adaptor. All you need is a telephone handset or a standard modular jack.

You can feed in paper up to 8½" wide and the Fax will transmit an 8" path of information. It uses standard, 100 foot long rolls of thermal paper. In addition to its Fax capability, you can push 'Copy'

and use it as a copy machine.

There's a Fine Detail Mode, but it's only operative when you're using two of these DATAFAX-10 machines.

**Compatibility.** All Fax machines are broken into 3 groups. Group one is the old type that you loaded on a drum.

This Fax is group two. It uses roll paper, as do virtually all Fax machines, and is compatible with all Group 2 machines. There is also a higher resolution Group 3, but it's compatible with the DATAFAX-10 because Group 3 machines have both Group 2 and 3 compatibility.

So, you can communicate with virtually any Fax anywhere in the world with this Fax. It's backed by a standard limited warranty from Sears World Trade.

## THE OFFICE NEXT DOOR RISK FREE

Wait till you receive your first Fax. It's an amazing technology that will dramatically increase your productivity.

If you're not 100% satisfied, simply return it to DAK in its original box within 30 days for a courteous refund.

To order your Fax Machine complete with Plug In Telephone Network Adaptor and Acoustical Coupler risk free with your credit card, call toll free, or send your check for just \$899 (\$9 P&H). Order No. 4476. CA res add tax.

100' Long Rolls of Thermal are just \$6<sup>90</sup> each. A case of 6 is just \$39 (\$3 P&H). Order No. 4477.

So if you're at home, in a hotel room, or at your office, you can now have hard copies of any letters or documents. It's a valuable business tool that can really give you the productive edge.



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8200 Remmet Ave., Canoga Park, CA 91304



# Gone Fishing

*At the office or at home, you can be 'gone' from your phone and still be in control. Whether you're temporarily at extension 203 or eating dinner, just push a button and forget tapes and complicated answering machines.*

By Drew Kaplan

It's frustrating. I'm in my studio writing. First I dial my secretary. Then I dial her assistant. Finally, I dial DAK's controller.

It seems like no one ever answers their phone. The phones just ring and ring. It's as if they all just up and went fishing. And, I get really frustrated.

At home, as soon as we sit down for dinner the phone rings. It's like clockwork. 4 out of 5 nights we don't even get started on dinner. **WELL, NO MORE!**

Now, if you're going down the hall to meet in Jim's office, or you want a half hour to have dinner, or you want to tell the public that you're open from 9AM to 5PM, or you're out to lunch, an amazing new **NONANSWERING MACHINE** will let you effortlessly leave your message on a computer chip.

## NEW TECHNOLOGY

There's no programming. There are no tapes. This isn't an answering machine. Just push a button and say, "I've gone fishing till 3PM" and you're done.

There's nothing to learn. There are no tapes to wear out. And, you can change the computer stored message by simply (re)touching the button. If you can push a button and talk, you can leave messages.

Technically, you are 'recording' your voice digitally in RAM (Random Access Memory) on computer chips. And, this leap in technology is incredible.

There's no hiss. There's no tape noise. There's no beginning and no end. Just your digitally recorded message sounding as if you were actually speaking.

This is the CD laser disc of answering. But, forget the perfect quality for a moment. Forget that all you do is unplug the modular jack from the back of your phone.

Plug it into this device. Then plug this phone's cable into your phone. Plug in the AC and away you go.

## MANY USES

I'm not exaggerating about my frustrations at the office or at home. Now, because this is so simple to use, everyone can leave a 'phone trail' behind them.

**First, for the office.** When you leave your office, just push the Record Button and say where you'll be. If you're in the conference room, at some other extension or the lunch room, say so.

Even if it's the bathroom, nobody calling you will know that you'll only be gone for 5 minutes.

It is so easy to use. Just say, "Call back in 5 minutes". If it's lunch, say, "after 1PM". Or, just push the button and say "I'm at extension 234, but I'd rather you call me here after 2:30".

Every business should have these industrial message machines. Since there are no moving parts, they can answer your phones millions of times.

Just leave a message like, "Thanks for calling DAK, we're open Monday through Friday from....". It's so easy.

There's a built-in microphone and a built-in speaker. You can leave a message up to 16 seconds long. And as for the sound quality, I wish I could use this digital recording in my stereo system.



## YOU'LL LOVE IT AT HOME

This isn't some cheap, voice synthesized machine. It's 100% industrial.

Ok, if you're at all like me, the phone is a constant irritation. Sure, I like to hear from my friends.

But, not when I'm sitting down to dinner. And certainly not as soon as I get in the shower or go out to walk the dog.



If you're expecting a call and you want to go out and jog or swim for 20 minutes, no problem. Callers won't be greeted by an answering machine that doesn't tell them you'll call back in 20 minutes, or worse, by an unanswered phone.

If you want to take a nap on a Sunday afternoon, or simply not be bothered for an hour, this device can set you free.

And, to be really honest, I've gotten so fed up that lately I simply take the phone off the hook.

This, as I've been told, is extremely inconsiderate to anyone trying to reach me, because they keep dialing my number thinking that I'll hang up.

Boy have I got them fooled. Anyway I apologize, and now they'll hear my voice with sparkling clarity asking them to call me back at 4:30.

## ANSWERING MACHINE HEAVEN

Sure I have an answering machine. And sure I use it. But, it's a hassle to change messages for a 15 minute shower or a 30 minute dinner. So, who needs the hassle. And, if the machine is on, a caller doesn't know if I'm going to call them right back or get back to them in a week. So, they might just hang up.

It's made by Colonial Data Service, which is partially owned by one of the largest inter-connect (big business phone systems) companies in the world. It's backed by their limited warranty.

## FISHING FOR CONVENIENCE RISK FREE

Wait till you see how easy it is to use. Wait till you hear your voice recreated by computer digitization. And, wait till you see how productive this is at the office and how useful it is at home.

If you aren't 100% satisfied, simply return it in its original box within 30 days to DAK for a courteous refund.

To order your CDT Digital Voice Phone Messenger risk free with your credit card, call toll free or send your check for DAK's breakthrough price of just **49<sup>90</sup>** (\$4 P&H) Order No. 4454. CA add tax.

Now people won't think you've gone fishing when you haven't, and you can effortlessly let anyone know where you are and when you want to be reached.



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By Drew Kaplan

**Now you can record wherever you are and detonate the sound of your cassettes, AM and FM, with an equalizer.**

If you're thrilled by the actual sound of your music, not just the songs, this new personal stereo will blow you away.

With its stereo cassette deck, sensitive FM stereo tuner and AM tuner, you'll have resounding entertainment in your pocket. And, you can record from the AM or FM radios or from the built-in condenser mike. So, this is an ideal dictation recorder too.

You'll listen to fabulous sound through the included rare-earth featherweight headphones, or you can listen to less than good sound through this unit's built-in stereo speakers.

I don't think you'll enjoy the quality of sound from its rear mounted speakers. They're fine for spoken word or dictation, but for music, frankly they stink.

But for the headphones, the equalizer lets you sculpture the frequency response by  $\pm 10$ db at 300hz, 800hz, 3,000hz and 8,000hz to really make your sound throb with life. Listen once and you'll be sold.

#### IT RECORDS

Once you've enjoyed the dramatic equalized sound, you may want to record music off the radio, or dictate some letters with the one-touch record feature.

So wherever you are, now you can have great sounding music. Plus, you can dictate or record.

This deck uses the latest circuitry and requires just 2 AA batteries (not included).

## A Little Door Music

**You'll hear one of 32 changing tunes each time your doorbell is pushed. Or pick just one, it's up to you. Plus, you can compose your own.**

Three years ago for my mother's birthday, I bought and built an electronic door bell kit. I programmed it to play Beethoven's 9th Symphony. Ever since, it's been a great conversation piece for everyone who visits my parents.

Now you can have a 32 tune doorbell that does much more than the one I built, costs less and doesn't require assembly. Plus, it comes with a 100 tune song book, or you can compose your own songs on its  $1\frac{1}{2}$  octave keyboard.

#### HERE'S WHAT YOU'LL HEAR

You can mix and match. Just push the selection switch to choose a theme like, 'Around the World' if you're serving an ethnic dinner, 'Anniversary Waltz', or 'Auld Lang Syne' if it's New Year's Eve. The choice is all yours.

Or, the Computer will rotate to one of 32 of its programmed songs each time your doorbell is pushed. And, there's even a special song if you have a doorbell for your back door.

Below is a list of the 32 preprogrammed songs, or choose from the included 100 tune song book.

Feelings, Beautiful Dreamer, Yesterday, Fiddler on the Roof, Put on a Happy Face, Yellow Bird, Lemon Tree, Everything is Beautiful, Que Sera Sera, Around the World, Tennessee Waltz, Cabaret, Anniversary Waltz, King of the Road, Baby Elephant Waltz, Col. Bogie, Westminster Chimes (8 notes), Westminster Chimes (4 notes), Notre Dame, Hava Nagila, Mozart Sonata, Blue Danube, Tennessee Waltz, Alouette, We Wish You A Merry Christmas, Auld Lang Syne, Jingle Bells, Oh Come All Ye Faithful, Alleluia, The First Noel, White Christmas, and Deck The Halls.

#### INSTALLATION IS A BREEZE

There's nothing special about installation. It's just like replacing your old doorbell. You simply connect the same safe low voltage wires that are connected to your present doorbell, and there's even a provision for front and back doors. You'll also need to insert a diode (don't worry), included. It's just 5 minutes work with a screwdriver.

You'll have control of volume. Plus, you can even add an additional speaker (not included) for the backyard or basement. But, best of all, you can compose 2 of your own songs on the  $1\frac{1}{2}$  octave keyboard. It's easy and it sounds great. It's backed by a standard limited warranty from Timely Products.

#### TRY THE DOOR TUNE COMPOSER RISK FREE

Program a song. You'll even have whole notes, half notes

## Performing Wonder It Records

## And, It Equalizes

It's backed by Cyberex's limited warranty.  
**EXCITING SOUND & RECORDING  
RISK FREE**

Wait till you boost the bass with the equalizer and hear your music thunder to life. Wait till you hear the quality of the recordings. If you're not 100% satisfied, simply return it in its original box within 30 days for a courteous refund.

To order Cyberex's Recording Personal Stereo with built-in Cassette, AM, and FM Stereo risk free with your credit card, call toll free or send your check for DAK's breakthrough price of just \$69<sup>90</sup> (\$3 P&H). Order No. 4683. CA res add tax.

For work or pleasure, this is one personal stereo that performs like a workhorse and sings like a nightingale.



and quarter notes. Let the Composer sequence through its songs. Either way, you're sure to get a warm feeling each time someone rings your doorbell.

If you're not 100% satisfied, simply return it within 30 days in its original box for a courteous refund.

To order your Composer Programmable Door Tune Computer risk free with your credit card, call toll free, or send your check for just \$49<sup>90</sup> (\$3<sup>50</sup> P&H). Ord. No. 4680. CA add tax.

Wait till you hear music instead of a boring ding dong. It sounds great, and it's really unique.





## 3-D TV?

**Forget special glasses. Now your home TV viewing can become a theatrical experience. You can tune in up to 140 cable and antenna channels in true MTS Stereo, and listen to them explode in your living room through the included 2-way shielded speaker systems when you use this amplified TV/Cable Tuner.**

By Drew Kaplan

Save your TV. Save your monitor. Now you can add 140 channel tuning, with True MTS Stereo, SAP, Simulated Stereo, and Amplified Sound that's guaranteed to knock your socks off.

With the networks' programs switching to stereo, you're in for a real experience! Stereo, powerfully reproduced through 2-way speaker systems rather than a typical 3 to 5" TV speaker, involves you emotionally in what you're viewing.

No, you won't have a real 3-D picture. But, the effect of sight and sound will seem like 3-D when you see a jet fly across the screen and hear it fly across your room, or when you see and hear a boulder or a person rushing toward you.

It's really thrilling. And after watching it for a few weeks, I can tell you that the effect seems to make your TV's picture seem bigger, because you're involved.

Of course with this advanced tuning system, you might just be receiving a sharper picture, and that helps too.

If you're like me, you already have perfectly good TVs in your home. And, if you've looked at the prices on Stereo TVs, you probably got a shock.

Besides, stereo TVs typically have speakers built-in. So, they are very close together. With this system, you can separate your speakers up to 6 feet.

You can expect the same wide-field sonic image you get from your stereo system. But, the combination of sight and sound is astounding.

### ALL THE CHANNELS

You're in for a selection adventure in programming. Whether you tune in **Cable** or use your **own antenna**, you can now have complete wireless infrared remote tuning from up to 25' away. You'll switch channels, control volume and mute.

You'll tune in all VHF channels 2-13, Cable Channels 14 (A) all the way to 71 (AAA). Plus, you'll tune in UHF.

**Note:** If you're on cable, check with your cable company before viewing anything at all, to see if they require a fee.

This isn't one of the infamous 'Black Boxes' that decodes various 'Pay TV Channels'. On cable, most of the programming isn't scrambled, it's just found outside the tuning range of the average TV.

Just push '2' then '4' when you want to watch channel 24. And you can watch 24 on either cable or UHF by just touching the input select button on the remote.

**And, look at this.** You can assign any stations you want (no limit) a 'Favorite' Status. And, by using the step tuning buttons you can step through only your favorite channels.

I have 4 movie channels on my cable. So, I use the 'Favorite' feature a lot. The large LED display shows you the channel. And, LEDs show when this tuner is receiving Stereo, SAP, or Antenna/Cable.

### I'VE KEPT A SECRET

OK, so you've got a great picture, 140 channel capability, and you've got MTS Stereo and SAP. Well, there's more.

The powerfully amplified speaker systems will electrify your TV viewing **all the time**, because whenever the tuner isn't receiving a stereo signal, it automatically creates a simulated stereo effect.

So, just look at the 'Stereo' LED to know what it's doing. You're in for some wonderful sonic experiences to go along with your multichannel viewing.

**And one more thing.** If you're not familiar with SAP, it's not a government agency. It's called Separate Audio Programming. You'll probably find that some of your local TV stations broadcast an audio band that normal TVs don't get.

It's not related to the TV picture. It may be music, industrial or educational. You may just find that your entertainment options are considerably broadened.

### EFFORTLESS INSTALLATION

It's easy. Just unscrew your antenna or cable connector from the back of your TV. There are 2 inputs on the back of the controller. One is for VHF or Cable, the other is for UHF. (You can switch between the two from the remote.)

Then, use the included cable to con-

nect the Controller to your TV. Finally, plug your TV into the Controller and the Controller into the wall. You can connect your VCR before or after the Tuner.

### ANOTHER SURPRISE

If you've got a monitor, you're in for a treat with this tuner. Now you can make it 140 channel cable compatible, and you can enjoy the full MTS stereo thrill.

There are Video as well as Left and Right Audio outputs on this tuner. So, you'll have direct, clean Audio and Video.

Of course, this means that there are **TWO** sets of outputs from the tuner. So, you can feed a TV and a monitor. You can feed a TV and VCR. And, you can feed the sound to your stereo system if you desire.

It's made by Universal and backed by their standard limited warranty.

### GET CABLE, UHF AND VHF

### ENJOY MTS STEREO

### RISK FREE

Wait till you hear the sound. It's like switching from a portable AM radio to your full stereo system. It's an awesome experience that's instantly apparent.

If you're not 100% satisfied, simply return it in its original box within 30 days for a courteous refund.

To order Universal's 140 Channel Cable Controller with MTS Stereo, SAP, Simulated Stereo VHF/UHF Switching, Matching Shielded 2-Way Speaker Systems and Video and Stereo Audio Outputs risk free with your credit card, call toll free or send your check for DAK's breakthrough price of just **\$199<sup>90</sup>** (\$8 P&H) Order No. 4685. CA res add tax.

Now you can tune in virtually any TV broadcast and listen to the most phenomenally dramatic sound. Plus, you'll have remote control of all functions.



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Technical Information. . . . .1-800-272-3200

Any Other Inquiries. . . . .1-800-423-2866

8200 Remmet Ave., Canoga Park, CA 91304



# DAK MLX And MLX<sup>2</sup> Cassettes

*Thundering bass and crystal clear highs can be a reality with DAK MLX and MLX<sup>2</sup> cassettes. And, with DAK's music vault housing, your music will be protected.*

It's a fact. DAK grew out of the industrial tape market. We manufactured tape for high speed duplicators who recorded music and voice tapes at 15 times normal speed.

We developed special cassette liners that would allow our cassettes to be ultra reliable, even under the relentless demands of high speed professional duplication.

Now we've developed a housing that incorporates all we've learned about high speed, heavy-duty use. This housing will give you the kind of reliability from your car cassette player and your personal stereo that you'd only expect from your home cassette deck. This super heavy-duty, dimensionally stable housing will give you maximum protection.

## MLX NORMAL BIAS 90 MINUTE CASSETTES

These professional quality cassettes feature very special, ultra uniform and narrow, ferric iron, high density particles.

The denser particle packing (more particles per inch of tape) translates into improved frequency response, better signal to noise ratio, more headroom and dynamic range.

MLX cassettes offer you a frequency response capability that is superior to most cassette decks. If your deck can handle it, you can expect a frequency response of up to 19,500hz.

We offer our factory direct cassettes in 90 minute lengths and only prepackaged in units of 10. This saves us money and, as you can see from our prices, saves you money too.

To order 10 DAK MLX Normal Bias 90 Minute Cassettes for DAK's standard 30 day risk free trial, call toll free, or send your check for just \$24<sup>99</sup> (\$1<sup>50</sup> P&H) Order No. 9650. Each MLX comes with an all clear hard plastic box, an index insert card, and a one year limited warranty.

## DAK MLX<sup>2</sup> HIGH BIAS 90 MINUTE CASSETTES

MLX High Bias is a superb Chrome CrO<sub>2</sub> cassette. The greatest advantage of Chrome lies in the shape of its particles. Chrome is actually a synthetic mono-crystal that is grown under 30,000 pounds of pressure at a temperature of 900°.



These particles are very small and very long and thin. What's important is that they are all virtually identical and can be packed together very densely.

The recordings that you will get using DAK's MLX<sup>2</sup> are nothing short of incredible. You'll have a frequency response that can top 21,000hz, assuming that your deck can.

This tape offers up to 6db more sensitivity than previous tapes above 10,000hz. You'll capture the subtle harmonics of the most demanding recordings.

To order 10 DAK High Bias MLX<sup>2</sup> 90 Minute Cassettes for DAK's standard 30 day risk free trial, call toll free, or send your check for just \$26<sup>99</sup> (\$1<sup>50</sup> P&H) Order No. 9651.

Each MLX<sup>2</sup> comes with an all clear hard plastic box, an index insert card, and a one year limited warranty.

# Instant Living Room Plus Cassette

*Enjoy the entertainment of your living room at your desk, in your car or in the great outdoors. Enjoy a 5½" vibrant color TV plus a cassette deck and an AM/FM radio wherever you are for just \$199<sup>99</sup>. Wow!*

The proverb is wrong. Now you can take it with you. Now you can have a vivid 5½" color TV plus cassette, AM and FM, at work, at home or on the road.

Just think, with this super color TV system on your desk, you'll be able to see news events as they unfold during the day. And, you won't miss your favorite shows when you work late at the office.

With this TV, you can watch the 'big game' while you're outside on your patio. Or, you can keep up with the play by play while you work in your garage.

And, you can watch the late late show without bothering your mate, with this color TV on your nightstand.

## ANY WAY YOU WANT IT

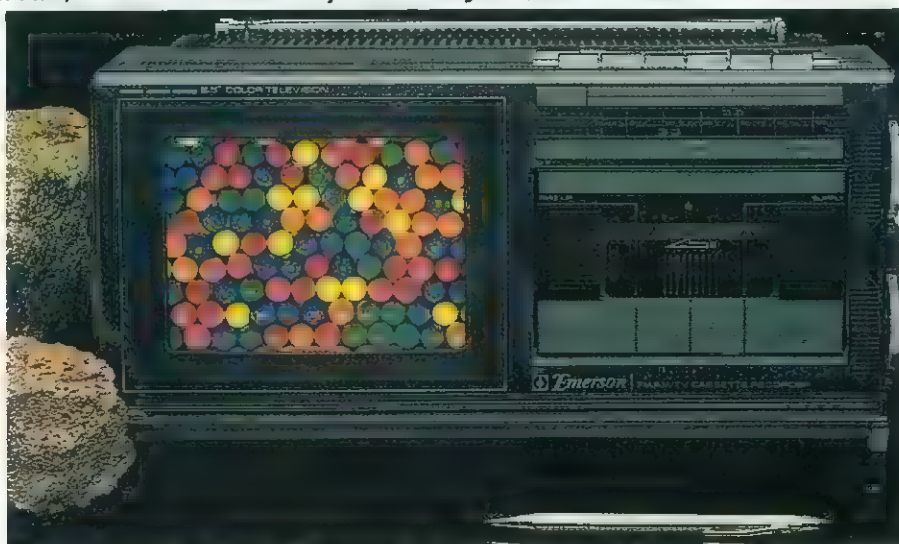
Just plug in its AC plug (included) and you're ready to go. You can use its built-in antenna, or hook it to your roof antenna.

When you're on the road, just plug it into your cigarette lighter receptacle with its mobile power cord (not included). Imagine, color TV when you are camping or just parked in a car or camper.

If you're in the yard, at the beach, or even at the top of a mountain, you can watch TV by using standard D cell batteries (not included). So, you'll enjoy the color picture you usually leave behind in your living room, wherever you are.

## GO WHERE YOU WANT TO GO

And don't forget that wherever you are, you'll have a built-in cassette deck. You can listen to your favorite tapes or make live tapes directly from the sen-



sitive AM or FM tuners. You can even record TV sound. **Just pull out its handle and take it anywhere.**

This super new system is just 12¼" wide, 5¼" tall and 10¼" deep. It's backed by Emerson's limited warranty.

## TAKE IT WITH YOU RISK FREE

You can tune in the world wherever you are, whenever you want. From Soaps to Ball Games to your favorite cassettes, you'll see and hear it all.

If you're not 100% satisfied, simply return it to DAK within 30 days in its

original box for a courteous refund.

To order your Emerson 5½" Color TV, with Cassette, AM and FM and AC, Battery or 12 volt power capabilities risk free with your credit card, call toll free or send your check for just \$199<sup>99</sup> (\$7 P&H). Order No. 4681. CA res add tax.

You can order a 12V adaptor cable that plugs into your car's cigarette lighter for just \$8<sup>99</sup> (\$1 P&H). Order No. 4682.

Experience the thrill of vibrant color TV, cassettes and AM and FM at work, on the road or in your kitchen or bedroom.



# No Brainer Retrainer



**Forget dumb decorator phones. Now for just \$29<sup>90</sup> you can have On-hook dialing and True Hold. And, for just \$39<sup>90</sup> you can add 10 number memory and wall mounting capability.**

By Drew Kaplan

It's smart. It's convenient. It's beautiful. And oh, is it useful!

Now you can add the distinction of a phone sculpture to the convenience of a sophisticated electronic telephone in any room in your home.

## YOU'LL LOVE THE FREEDOM

Imagine the convenience. Simply dial a number without lifting the receiver to your ear. If no one answers, if the line is busy, or if you're put on hold, you can have both hands free or you can even move around the room.

On-hook dialing lets you dial and hear a person answer **before** you have to lift the receiver to your ear. If you encounter busy numbers as often as I do, you'll find this to be a lifesaver of a feature.

And speaking of lifesaving features, I hate getting put on hold. Well, with this new phone, I just push the speaker button and move about normally until my call is put through.

This is a superb feature for calling airlines, theaters and many businesses. So, with on-hook dialing you can dial without lifting the receiver or wait without holding the receiver.

You can begin your calls on-hook. And, you can switch to on-hook monitoring any time you are put on hold.

## TRUE HOLD

Now that you can have a color for every room, you're likely to take a call in the bedroom and want to move to the kitchen. Also if you take a call for another family member, now you can put the call on hold while you go to look for them.

True Hold means never forgetting that you've left a receiver off the hook when you change phones.



## ALL BEAUTY AND NO BEAST

The desk model shown to the left is truly a phone sculpture. From its unique swept shape, to its comfortably oversized but dramatic keys, dialing and looking at this phone are a treat.

There's a color to match any decor and the styling will be an asset to any room. But with all the fancy styling, you'll really love the feel and fit of the conventional K2 'phone company feel' handset.

Of course there's Tone/Pulse switch-



ing. Of course there's a ringer on off switch. And, there's an LED that shows when this phone is in-use or on-hold.

## THE GENIUS EDITION

Once you've got beauty and brains, what else is there? Well, since beauty is in the eye of the beholder, there's another sculptured shape and **more brains**.

To every feature already described, add the choice of desk or wall mounting. The model featured to the right is as at home on your wall as it is on your desk.

It even has a rear mounted phone jack so that you can plug it into a wall jack. Or, let the cord come out the back for desk use. It's available in the same colors and even has the identical keys so you can mix these phones throughout your home.

**And boy is it smart.** It will remember up to 10 of your most frequently dialed numbers, including last number redial.

So, in addition to on-hook dialing and on-hook holding, you can speed dial automatically. Each memory may contain up to 16 digits.

And, each may be dialed in Tone or Pulse. So, now you can touch a button and dial your numbers automatically without ever lifting the receiver. And for Sprint or MCI, it's great not to have to remember and dial complicated codes.

They're made by Universal and backed by their standard limited warranty.

## TRY BRAINS AND BEAUTY RISK FREE

Here are phones that are dramatic visual additions to your home. Here are

phones that dramatically facilitate your use of the telephone.

Wait till you feel these solid, well made phones perform under your fingers. If you're not 100% satisfied, simply return them in their original box for a refund.

To order your Universal Desk Phone (top left) with On-Hook Dialing, True Hold and Tone/Pulse switching risk free with your credit card, call toll free or send your check for DAK's blockbuster price of just \$29<sup>90</sup> plus (\$3 P&H). Use Order Nos. below. CA res add tax.

For The Desk Phone Model, use Order No. 4522 for White, Order No. 4523 for Red, Order No. 4524 for Grey and Order No. 4525 for Black.

To order your Genius Phone (top right) with everything above plus 10 Number Memory and Desk or Wall Mounting, call toll free or send your check for just \$39<sup>90</sup> (\$3 P&H). Use Order Nos. below.

For The Genius, Memory, Desk or Wall Model, use Order No. 4526 for White, Order No. 4527 for Red, Order No. 4528 for Grey and Order No. 4529 for Black.

Now you can use sophisticated phones in your home that are great sounding and great looking too.



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# The Missing Link Plus

**Squeeze the acoustics of an intimate club or a concert hall into your favorite stereo listening area without affecting your speakers. And then, expand the acoustics of your car or personal stereo at a breakthrough price.**

By Drew Kaplan

Electricity's in the air. There's the roar of the crowd. There's the feedback between the performers and the audience. Live performances are exciting.

But, it's the sound. It really seems to be different. It's more alive. It seems to crackle with energy. And, it sounds fuller.

Your home stereo, even with terrific specs, just can't seem to reproduce the 3-dimensional effect that you experience at a live performance. And, even with the finest car or portable stereo, while the sound may be technically perfect, the excitement is likely to be missing.

## THE FLAW

Interestingly, when you listen to music at home, you're probably listening to better equipment than at a live concert.

At most concerts you really don't hear a singer or the instruments. What you do hear is the auditorium's PA system.

While PA systems have lots of power, they simply aren't made to deliver the frequency response and dynamic range of today's quality home stereo equipment.

**So, what's the big difference?** Simple, you need to listen to your stereo in a full size concert hall. And, now, you can have a new electronic full size concert hall or an intimate club in your own home.

The real secret to the dramatic dimension of sound you hear at a live performance is the acoustics of the hall.

The acoustics of a hall consist of reflectivity and tambour. Or in English, the amount and types of echo and the number and delay of the echo components.

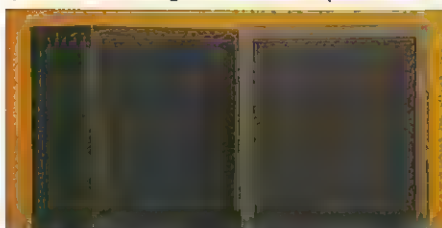
## THE SOLUTION

Architects charge hundreds of thousands of dollars to design buildings where the acoustics will be dramatic.

ADC has developed a digital delay system that in effect does for your listening room's acoustics what architects do for concert halls.

After all, no matter how good your stereo system is, an 80 piece orchestra doesn't belong in a ten by twelve room.

**Your stereo's speakers are 100% unaffected**, unless you want them to be. The ADC digital delay system consists of a preamp, twin built-in amplifiers and a pair of full-range ambiance speakers.



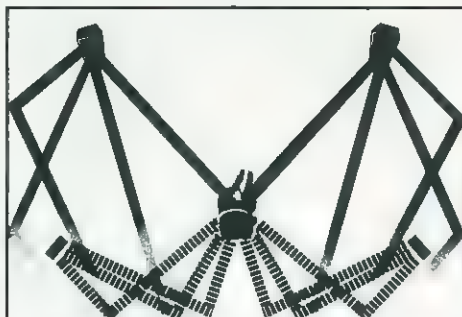
You'll have a phenomenal range of controls to electronically adjust the acoustics of your listening room.

First select the size of the room in which the performance will take place. For example, you can select a rock concert in a 5,000 seat auditorium or a jazz combo in an intimate club.

## BEST OF BOTH WORLDS

Last year we offered a sophisticated Koss digital time delay system, similar to ADC's, in our main catalog for \$299.

It had a preamp, amps and it sent all the delayed signals (the best way) through separate ambiance speakers.



The ADC Digital Delay System provides all the delay you'll need to turn your favorite listening room into a full size concert hall. Just aim the two supplied speakers at the back or side of your room as shown, and you'll hear realism like never before. The sound will open up with incredible realism.

Earlier, we had sold Kenwood's digital delay which mixed its delayed signals through your main speakers.

It wasn't a match for the Koss unit. **But, it had one big advantage.** You could record the combination of normal and delayed signal onto your cassettes.

So, you could have a vastly expanded acoustic experience in your car, with your boom box or with your personal stereo.

ADC's is the ultimate system. You'll have all the separate ambiance only obtainable with extra speakers.

Plus, you can add time delay to your front speakers (if you desire), and you can record the effect on cassettes. Now you can enjoy the exhilaration of concert hall sound even with headphones.



Just grasp the controls, close your eyes and prepare for an adventure. You'll feel the room grow or shrink around you.

## TOTAL CONTROL

ADC's digital system gives you multiple path echoes which you can tailor into an infinite variety of environments. The 'Direct Signal' control is simply the

input level. The 'Delayed Signal' feeds the amount of delay selected with the 'Delay Time' knob to the front speakers.

The 'Delay Time' knob lets you select from a 4 millisecond delay up to 1024 milliseconds. But one delay is much too simple. On the back panel are 'Second' and 'Third Order Delay' controls. So, each delay on the front panel has a second and third transient response.

The back panel controls come preset, but you can adjust them if you desire. Besides, there's a 'Feedback Control' that lets you throw some of the existing echoes into the main inputs of this unit so they can interact with the main signal and add more realism.



There's a 'Sub Channel' level control for the rear speakers. Now, you can make virtually any room sound hard or soft, or large or small.

Finally, there are both tape inputs and outputs, so when you hook this unit into your tape monitor loop (patch cords included), you don't lose the use of your tape deck. And of course you can use it with an equalizer or any other enhancer.

The change in sound quality will be enormous. It has a frequency response from 10hz to 100,000hz  $\pm 1$ db, and a dynamic range of 110db. It's backed by ADC's standard limited warranty.

## ENLARGE YOUR HOME RISK FREE

Listen to your two front speakers and then switch in a concert hall or club. Wow! Then make a tape using the echo. Wait till you hear your car grow.

If you aren't 100% satisfied, simply return it to DAK in its original boxes within 30 days for a courteous refund.

To order your ADC Digital Delay System complete with a pair of Ambiance Speakers risk free with your credit card, call toll free, or send your check for DAK's breakthrough price of just \$199. (\$11 P&H) Order No. 4314. CA add tax.

Listen to romantic vocals in a small club and Wagnerian opera in a large auditorium. Now you can electronically add the ideal listening room to your home.

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8200 Remmet Ave., Canoga Park, CA 91304



# 15" Thundering Subwoofer

Man's best friend meets the audiophile's best friend at an earthshaking bone jarring new price. Now you can add the impact of a 15" subwoofer to any stereo system for just \$99<sup>90</sup>.

By Drew Kaplan

A puppy may be man's best friend. Woof, Woof. . . But, now I've got a new friend you can add on to your stereo system. It doesn't need to be taken on walks, washed or fed. But, it makes a great cocktail table for you when you're being fed. And, oh what a woof it has.

## GREAT SOUND FOR EVERYONE

It's called a subwoofer. And, normally it is the beloved pet of only the most ardent audiophiles.

It's not generally understood that it can be used with virtually any speaker system in any stereo. And, in addition to substantially increasing and perfecting the bass response, it has a significant impact on the mid-range clarity too.

Before I tell you exactly how marvelous your stereo will sound when you connect this subwoofer to it, there are two things you should know.

**First**, you'll be getting your new friend at a phenomenal price. DAK has sold over 10,000 of Cerwin-Vega's 12" subwoofers. They had a retail price of \$332, but we sold them for \$164<sup>50</sup>.

**Second**, your new friend comes complete with a paid up health insurance policy in the form of a 2 year limited warranty from its father, BSR.

By the way, the puppy sitting on top of the subwoofer is the same puppy I used with Cerwin-Vega's, but wait till you hear what's under him now. You'll have BSR's 15" massive infusion of explosive bass, added to your system for just \$99<sup>90</sup>.

**But don't be misled.** BSR bass is clean and tight; never sloppy or overpowering. It adds a feeling of depth and fullness to your music that you simply can't get with two or 3-way speaker systems.

## HERE'S WHAT IT DOES

Basically, the problem with most speaker systems is that the bass overpowers the system. In a 3-way system, a woofer may be crossed over at about 800hz. And, in a 2-way system as high as 3000hz.

So, the woofer must handle movements of up to an inch at frequencies below about 80hz, while at the same time attempting to reproduce the very fine vibration type movements of the mid-range frequencies.

It is this difference in movements that causes both the bass to be weak or not precise, and the mid-range to become muddy (intermodulation distortion).

Even the best 3-way systems fall prey to these problems. And, it's why a subwoofer can do so much for your mid-range clarity as well as your bass.

## PROBLEM SOLVED

BSR's subwoofer has a specially engineered crossover network that sends frequencies above 120hz to your regular speakers and reproduces just the mammoth movement frequencies from 120 hz down to 22hz with a special floor firing dual wound super subwoofer.

If you have downstairs neighbors, this subwoofer isn't for you. The woofer is a very special hybrid. It has a mammoth one and one half inch voice coil which allows the speaker to make the very large



movements required to reproduce the very low frequencies.

But, it would do a lousy job of reproducing mid-range, which is why, cost aside, manufacturers don't put big voice coils in normal 10" or 12" woofers.

To make the massive movements accurate, this woofer has a very large magnetic structure. This magnetic structure also makes the subwoofer system extremely efficient. (The sensitivity is 91.5 db at 1 watt at 1 meter.)

So, whether you have two or three-way speaker systems, with 8", 10" 12" or even 15" woofers, you'll find the sonic improvements staggering.

You'll hear and feel the awesome effect of thunder rumbling through your home. You'll hear a depth and dramatic fullness to your music that won't be heavy but will thrill you with its massive strength.



Here's a "floor's eye view" of the subwoofer. You'll feel and hear bass so alive, you'll think it is.

## EASY HOOKUP

It's easy to connect. Simply run the right and left speaker wires from your amplifier to the input terminals of the subwoofer. It works with any system from 20 to 150 watts per channel.

Then, you simply connect the speaker

wires from your two standard 8 ohm stereo speaker systems to the output terminals on the subwoofer. They receive the exact signal that they did before except that everything from 120hz down is routed only to the subwoofer.

Placement of your regular speakers is just as critical as usual for stereo imaging, but the subwoofer can be placed anywhere because low frequency material is totally non-directional.

The subwoofer makes a perfect cocktail or end table. Its rich wood-tone appearance matches any decor. It is 24 1/2" long, 16 1/4" high and 20" wide.

## TRY AUDIOPHILE'S BEST FRIEND RISK FREE

The fullness, richness and depth is awe inspiring. Wait till you connect this subwoofer to your system and experience truly massive force from your music.

If you aren't 100% satisfied, simply return it to DAK in its original box within 30 days for a courteous refund.

To order BSR's Thundering Subwoofer with its dramatic 15" Dual Wound Voice Coil Subwoofer risk free with your credit card, call toll free, or send your check for DAK's breakthrough price of just \$99<sup>90</sup> (\$14 P&H). Or. No. 4514. CA res add tax.

You can't replace the love and softness of a warm puppy. But, wait till you experience the richness and depth this subwoofer will add to your bass and the clarity you'll hear in your mid-range.



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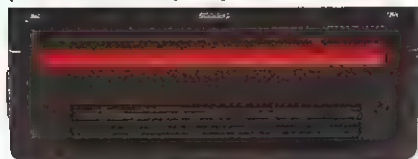


# Pocket Copy Machine

*Now you can make great copies in restaurants, libraries, or airplanes. It's great for construction sites, your car or your home.*

You're at a restaurant. An important meeting is in progress. The person you're meeting with shows you an important contract. You whip out your new Silver Reed Industrial Pocket Copier and make yourself a copy.

Never before have 4 pounds been so productive. And, don't be misled. This superb thermal copier will reproduce text (even fine print) or graphics perfectly, and instantly!



You just pull the copier over the document you want to copy and your copy emerges instantly. This copier uses photo-sensors to read the

material and transfer the image onto thermal paper. So, there are never any chemicals or powders to bother with.

And, with its built-in, rechargeable ni-cad batteries (charger included), all you ever have to do is put in a new 30' long roll of paper. It fits in your briefcase or overcoat pocket.

## GOES WHERE NO COPIER HAS GONE BEFORE

So, if you want to copy a column out of an encyclopedia, as I'm doing to the right, or a document that can't be removed, or stock quotes, or receipts in your car, this is the answer.

At home you can copy checks, recipes or airline ticket schedules. On the road, you can copy your expense receipts as they occur. If you're like me, you often lose half of them.

## BUT IT ONLY COPIES 3" WIDE

It copies a 3" wide path, as long as you want, flawlessly. So, it's really great for sections of blue prints, computer print outs and similar hard to copy items. You can copy a typical 6" (that's the average text amount) letter in two quick passes. So, for letters, checks, research or newspaper articles, this copier is superb. It's made and backed by Silver Reed's (the office printer people) standard limited warranty.

## COPY ANYWHERE RISK FREE

Wait till you copy a contract. Wait till you copy documents where no other copy machine is available. And wait till you



see the quality of the copies, including fine print or graphics.

If you're not 100% satisfied, simply return it to DAK within 30 days in its original box for a courteous refund.

To order Silver Reed's Revolutionary Porta Copy with Thermal Photosensor Copying, Contrast Control, Built-In Ni-Cad Batteries, AC Charger and Carrying Case, plus a 30' roll of Paper risk free with your credit card, call toll free, or send your check for just \$349 (\$5 P&H). Order No. 4678. CA res add tax.

Extra 30 foot rolls of Thermal Paper are just \$1<sup>49</sup> each. A box of 5 is just \$7<sup>49</sup> (\$1 P&H). Order No. 4679.

# Flashback SpeakerPhone

*Direct dial buttons let your mind flash to the future, not to your memory when you dial 40 of your most frequently called numbers. And, a hands free speakerphone lets your hands be free too. It's yours for just \$49<sup>90</sup>. Wow!*

By Drew Kaplan

It just takes a few seconds. It's no big deal. But if you're like me, you may dial the same numbers over and over again.

Even if you aren't often frustrated by busy lines, and even if you never make a mistake dialing, a memory phone is a whole lot more than posh luxury.

Add a terrific sounding speakerphone. Now you can dial without ever lifting the receiver and you can talk near the phone or from across the room, hands free.

When you're put on hold, you can go about your business. In fact, you can carry on your entire conversation totally hands free with this sensational sounding speakerphone.

## MEMORY FLASHBACK

Forget telephone books. Forget remembering numbers, and best of all, forget dialing and redialing busy numbers. Now for just \$49<sup>90</sup>, this 40 number decorator phone will reduce 7 to 16 digit numbers to just 1 or 2 button dialing.

You can automatically dial your complicated Sprint or MCI codes. And, you'll be amazed at the time you save when you automatically dial 7 digit local numbers, especially when you reach a busy line.

The Flashback Memory SpeakerPhone is loaded. It has Tone/Pulse switching, One-Touch Redial, Pause, Flash and Ringer Hi/Low/Off switching.

It has True Hold so you can put this phone on hold and resume your conversation at any other extension. And with



hold, you can put a call for another family member on hold while you find them.

It may be desk or wall mounted. And, it plugs into any modular phone jack. The K2 style handset has true Phone Company fit and feel. And its sound quality is simply superb.

It's made by Universal. And, it's backed by their standard limited warranty.

## FLASHBACK SPEAKERPHONE RISK FREE

If you've ever dialed a long distance call, then entered a telephone credit card and made a mistake after a total of

15 or so digits, you're sure to appreciate this memory phone. And, wait till you hear the quality and experience the convenience of the speakerphone.

If you're not 100% satisfied, simply return it in its original box within 30 days for a courteous refund.

To order your USI 40 Number Memory SpeakerPhone with all its extra features risk free with your credit card, call toll free or send your check for just \$49<sup>90</sup> (\$3 P&H). Order No. 4536. CA res add tax.

Now you can enjoy automatic dialing and hands free talking for just \$49<sup>90</sup>.





# Thunderstruck

*It's like riding a roller coaster. You never know what to expect next. About the only thing you can be sure of is that you'll have great sound from this magical new deck. It's yours for just \$149<sup>99</sup>, with no catch.*

By Drew Kaplan

It's no secret. You can see that it's a double deck for dubbing. You can also see that it features auto reverse for non-stop entertainment.

And, you can even see that it has high speed dubbing for expanding your tape collection or making tapes for your car or personal stereo.

But, what you can't easily see is what you're going to get when you add up all these sophisticated innovations and then throw in some surprising extras.

## STRANGE EGG

And speaking of strange extras, what would you think of being able to listen to two tapes at the same time. It's great for mixing vocals, but it's a feature that I've never seen before.

But, let's look at some everyday useful features that make this deck totally unique and superbly useful. Of course, it has a frequency response to 17,000hz, so whatever you do will really sound great.

First, let's just listen to a tape. Just put the tape in deck '1' and activate the 'soft touch' play button. Well, that's really too simple. Let's listen to song 3 on side two of the tape.

This deck features forward and reverse APSS. Just touch forward APSS and the deck will locate the beginning of the next song on the tape and start playing.

If you'd like to skip the rest of the song or continue skipping songs, just press forward APSS. If you're listening to a song you'd like to hear again, just touch reverse APSS. The deck will locate the beginning of your song.

Since APSS locates the beginning of each song on your tape, this feature will make it really easy to choose the exact order in which you want to copy songs. APSS even allows you to have the deck pause at your song.

If you noticed above that I said song 3 on side 2 of the tape, it must be clear that this is an auto reverse deck and that APSS will search both sides of the tape.

When you're playing a tape, the deck will reverse automatically at the end of a cassette, or at any time you touch the 'Tape Direction Button'.

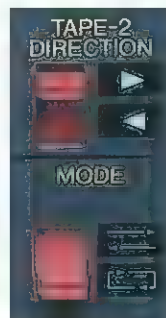
## JUST THE BEGINNING

Just imagine listening to both sides of a cassette and then having a second cassette start to play both sides on and

on, forever. Well, this deck features sequential play between its two decks.

So, you can listen to 3 hours of **un-repeated music** from 2 standard 90 minute cassettes. Then, the second deck will keep repeating, forever.

Both decks give the option of conventional one-way play or continuous play. Now you can have uninterrupted music while you work or while you relax. **And, isn't that what enjoying your music is all about?**



## AND OH, DOES IT RECORD

Imagine putting a recorded tape in deck '1' and copying BOTH SIDES automatically. Well, with Sharp's new deck, that's exactly what you'll do.

You can copy **both** sides of a pre-recorded tape onto a **single** side of a 90 minute cassette automatically. (Both decks can reverse totally independently.)

You can duplicate at normal or high speed. So, you can make copies in half the time of both sides of your cassettes.

This deck has electronic high speed dubbing. Each of its decks has 2 capstans for rock stable tape transport. About the only thing this deck doesn't have is Dolby C. But with its 66db signal to noise ratio with Dolby B, it sounds great.

**Note:** When you copy tapes, you turn off Dolby. If the tape is already encoded with Dolby B or C, the copy will be identically encoded as well.

**Add Sound On Sound.** If you sing, this is the deck for you. Here's what you do. You can play a music tape on deck '1', plug in a mike and sing along while you record everything on deck '2'.

Or, if you're really into professional applications, look at this. Plug in a mike and record your own voice on deck '2'.

Then play the tape back on deck '1' and

copy the tape onto deck '2'. While the tape is being copied, you can add yourself singing harmony. In this way, you can be a duet, a trio or even a chorus.

## ROUND AND ROUND IT GOES

It goes forward. It goes backward. And, it goes round and round. Just wait till you see this recorder in action.

You'll sit mesmerized as one tape stops and the other starts. Then it reverses and goes back and forth and back and forth. Are you getting sleepy?

Except for the occasional click as this machine changes decks or reverses direction, nothing will disturb your music for as long as you want with this incredible new deck.

Each deck has its own equalization switches to match tape type. Each deck has full play, pause, and reverse controls. Deck '2' is the deck that records.

The deck is 17" wide, 4 1/4" tall and 9 3/4" deep. It's backed by Sharp's standard limited one year warranty.

## BE THUNDERSTUCK RISK FREE

Wait till you hear the clean pure music that this deck will produce. Wait till you get your hands on its solid controls. Wait till you enjoy uninterrupted hours of your favorite music from two different cassettes. And finally, wait till you copy both sides of cassettes automatically.

If you're not 100% satisfied, simply return this deck in its original box within 30 days for a courteous refund.

To order your Sharp Dual Cassette Deck with High Speed Dubbing, Sequential Automatic Play, Dual Auto Reverse, and much more, call toll free, or send your check for DAK's breakthrough, no catch, price of just \$149<sup>99</sup> plus \$6 for postage and handling. Order No. 4521. CA res add tax.

Sure it's fancy. Sure it does just about everything but fly. But, what you'll really love is the sound quality and the musical freedom you will enjoy from now on.



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## TOLL-FREE ORDER LINE

For credit card orders call 24 hours a day 7 days a week  
**CALL TOLL-FREE. . 1-800-325-0800**  
8200 Remmet Ave., Canoga Park, CA 91304





# No Button Chess

**Just follow the blinking lights for the most challenging game of your life. There are 8 levels. It's fully automated. And, wait till you see the price.**

It's you against the computer. Chess comes alive with the latest breakthrough in computer technology.

There are no more bothersome buttons to push and complicated calculator displays to decipher. This computer uses 'sensor technology' to interpret what you have done, and simply lights 2 LEDs to tell you what it wants to do.

It's the newest version of 'follow the bouncing ball'. Now it's follow the blinking light. So, let the war begin!

It's smart. It has 8 levels of difficulty and its brain is an 80C50 Processor running at 6 megahertz with a memory capability of 32,000 bits, so you better come out fighting.

## SIMPLE TO USE

Notice that I said, "simple to use", not simple to beat. Using this computer is incredibly easy. Just move your man. The computer will know exactly what you've done.

Then it's the computer's turn. Two LEDs will light to show you the man the computer wants to move. Then two more light show you where to move the man.

It's simple. It's easy. And, there are no buttons to push. You can concentrate on the game, not on the computer.

## BUT, THERE ARE BUTTONS

The only buttons you really need are the on/off switch and the new game button. But, look at this.

**There's help.** Just touch a button, and the computer will join your team. It will pick your best possible move. A second button touch will send its brain back to pick its best response.

**You can cheat.** Let's say you make a really dumb move. After you see what the computer is going to do to you (hor-

rors, you've lost your Queen), you make the computer take back its last move and then you can take back yours.

And that's not all. If you're the type of person who says, "If I only had my Queen back, I could beat this thing," no problem. You can add back in any piece anywhere, with the push of a button.

**But there are limits.** This computer won't let you make an illegal move. And if you move its man to the wrong location, it emits an unpleasant sound and flashes the lights re-showing you where it wants to go. So, what could be easier?

**There's more.** You can do a lot with the powerful brain of this computer. Not only can you add back in a piece you lost, you can take one of the computer's away. Plus, you can set up a classic game in mid-play to see how you would do.

This computer does everything a chess master would do. It castles, it has pawn promotion and en passant. So brush up, you'll have to play your best.

Even level one is a challenge. I can't beat this computer at level 4. And, I don't even want to talk about levels 5, 6, 7 and 8. And here's a nice extra.

You won't have to wait for the computer. With its super fast 6 megahertz speed, it thinks while you're playing (I think it knows what you're going to do).

It reacts in 5 seconds on level 1, 30 seconds on level 4 and so on. See if your brain can keep up with this computer.

## WOW, IT'S REAL CHES

But, when all is said and done, playing chess is what it's all about. And this game is very smart, very tough, but incredibly easy to use. Every move is even audibly confirmed.

It is only 10½" X 11" X 2½". The com-

batants are magnetic and the King stands 2" tall. Using the newest IC technology, this computer operates for more than 500 hours on 4 C batteries.

So, this chess player goes where you go. And, with more than 500 hours of battery life, you don't even need to buy an AC adaptor.

It's made in the United States (isn't that a change) by Fidelity Electronics. They are the largest and best known of the chess computer manufacturers. And, it's backed by their limited warranty.

## TRY NO BUTTON CHES

### RISK FREE

If you like a challenge and your ego is strong enough to withstand losing to a computer, why not play just one game.

If you aren't 100% satisfied, even if you just lose too often, you can return this computer within 30 days in its original box for a courteous refund.

To order your Fidelity No Button Chess Computer risk free with your credit card, call toll free, or send your check for DAK's breakthrough price of just \$69 plus \$4 for P&H. Order No. 4306. CA res add 6% sales tax.

Whether you're a novice or a master, one of the 8 levels is sure to keep you humble. Chess taxes intelligence, not reflexes, which is why it's always been a game of Kings and Diplomats.



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# Two-Line Brainstorm

*Whether you're brainstorming with two associates on a conference call or brainstorming with your whole family using the hands free speakerphone, when you use this phone's quick touch memory dialing, your brain will be free for thinking, not remembering numbers.*

It's smart. It's tough. And it's fast. It feels like a Phone Company Phone. It acts like a sophisticated computer. And, it sounds like a piece of HiFi equipment.

Across the street or across the country, with standard phone lines or discount services, this phone will let you make great use of your two phone lines.

And best of all, there are no monthly rental charges. And, it simply plugs into your existing modular phone jack(s).

So, if you have two separate phones or an expensive two-line Phone Company Phone, just unplug the modular plugs from your existing phone(s), plug in The Brainstorm and start talking.

## TWO LINES, ONE BRAIN

Two brains may be better than one, but one brain on two lines is even better. Imagine touching the quick touch buttons at the top of this phone and dialing in either tone or pulse on either line.

Just press the Line 1 or Line 2 button and your choice of lines is selected. LEDs display which line you are using, which line is ringing and if the speakerphone is activated.

And there's 'Hold', so you can put someone on Hold, hang up this phone and continue your conversation from any other phone in your home or office.

And, when you put this phone on Hold, it's red 'In Use' LED changes to green. Look what you can do. While you are talking on one line, you might want to add a third person to your conversation.

You can put whichever line you are using on 'Hold', and use the other line to call out or answer a call. Then just push both Line 1 and Line 2 buttons to join both calls.

It's easy. And, group conversations can be productive for work. Plus, they are loads of fun with friends and family.

## MENTAL WIZ

Just touch the 'memo' button and the button next to the name you want to dial. You don't have to remember what memory location you assigned to Aunt Esther. Just touch the button next to her name.

You can store 20 phone numbers that can be automatically dialed on either line. Each number may be 16 digits long. If you make credit card calls or Sprint or MCI calls, just keep a memory location for your codes.

Discount services are great, but who needs to remember complicated numbers. And if you make a mistake dialing, it's very frustrating to have to begin again.

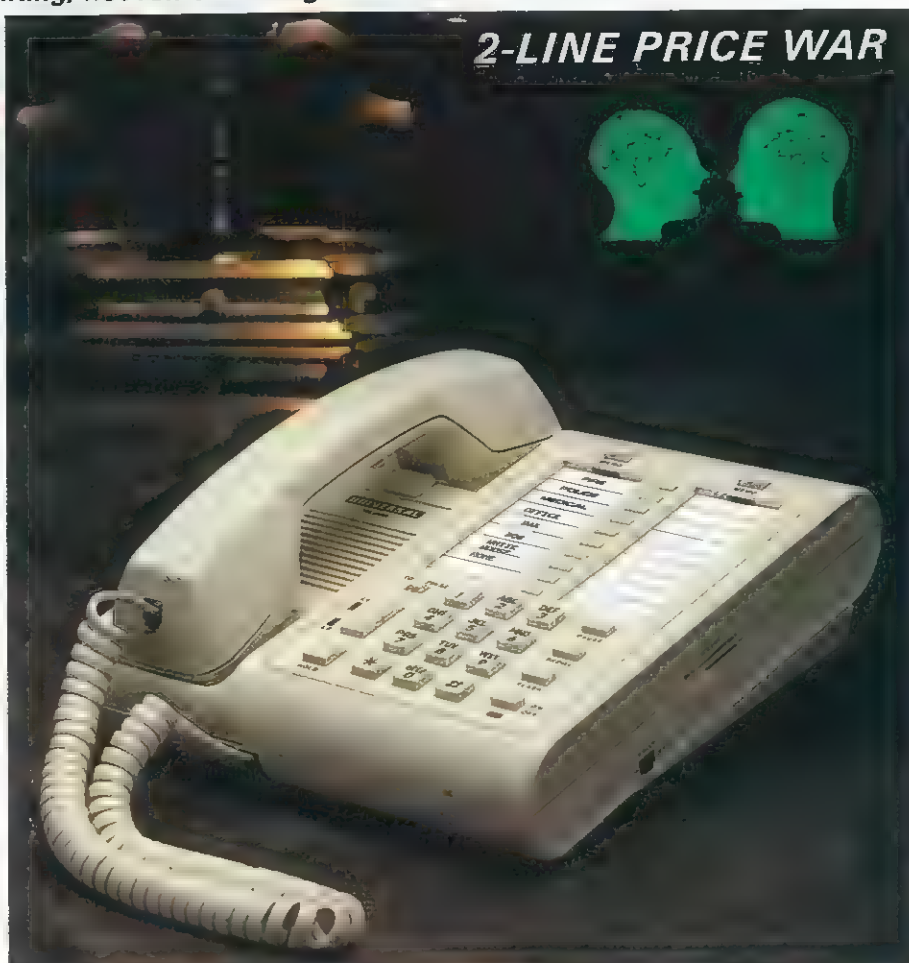
And if you live in a pulse area, you can dial your access number in pulse and then switch to tone for your codes.

And speaking of frustration, once you install a 9V battery (not included), you won't have to worry about this phone forgetting your numbers.

In addition to the 20 direct dial memory locations, you'll also have Last Number Redial, Pause for getting through switchboards or waiting for computers, and Flash for Phone Company Services.

## AT THE BOTTOM OF A WELL?

Imagine walking around the room or sitting at your desk with your hands totally



## 2-LINE PRICE WAR

free while you talk on the phone.

And, with this speakerphone, anyone else in the room can join in too. You'll be heard loud and clear whether you are nearby or across the room.

It uses a new lightning fast auto-simplex (half-duplex) design. You won't get the hollow sound that makes you sound like you're talking from the bottom of a well. And, you won't get feedback because the mike overrides the speaker.

You won't even notice it. All you and the person to whom you are talking will hear, is clear, echo free conversation.

## NUTS AND BOLTS

The real claim to fame of this phone is its marriage of Phone Company fit and feel with super convenience features.

And, just look at the extra features you'll have. There are separate sounding ringers, one for each line. Line 1 has a conventional mechanical bell ringer. And, Line 2 has an electronic ring. Plus, there is a ringer off switch.

## EASY INSTALLATION

Some homes and offices have 2 separate jacks and 2 separate phones. Some have a single jack leading to an expensive but dumb Phone Company Phone.

Both types of cables and jacks are included with this phone. In fact, there's even a short cable, because this phone can be wall mounted.

It's made by Universal Security Instru-

ments, a company noted for their expertise in phones and their reliability in burglar alarms. It's backed by a unique 2 year limited warranty. Wow, let the Phone Company match that.

## GET YOUR OWN BRAINSTORM RISK FREE

Wait till you hear the sound. Wait till you feel the handset against your ear or cradled on your shoulder. Talk on the speakerphone. Then make a conference call and really put your two lines to work.

If you're not 100% satisfied, simply return it in its original box within 30 days for a courteous refund.

To order your Universal 2-Line Speakerphone with 20 Quick Touch Memories, Hold and much more risk free with your credit card, call toll free or send your check for DAK's Brainstorm price of just \$59 plus \$4.50 for P&H. Order No. 4333.

Dial a number on either line by just touching two buttons. Dial without ever lifting the receiver. Talk while you move around the room. And, wait till you try your first conference.



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# Tape Collection Expander Plus

*Copying tapes is the simplest thing this dual auto reverse, dual recording cassette deck with Dolby C, RMPS, AMPS, Intro Scan and Sequential Record and Play Can do. It's much more than just two recording decks.*

By Drew Kaplan

You're listening to FM. Suddenly you realize that a song you really like is being played. And unfortunately, you've already daydreamed through half of it.

Well, now you can effortlessly build yourself a flawlessly recorded cassette collection of only your favorite songs.

Simply set this new relay recording dual cassette deck to record your favorite FM station, and leave. It will record **TWO COMPLETE CASSETTES** on both sides in sequence so you'll have 3 hours of recording from two 90 minute cassettes.

When you return, just start listening to one of the cassettes. When you hear a song you'd like, just put the other deck into record and you'll end up with a flawlessly recorded tape of only your favorite songs.

**But look at this!** This deck has a feature called Intro Scan. So, if you're wondering when you're ever going to have the time to listen to 3 hours of recordings, worry no more.

You can automatically play just the first 10 seconds of each song and only stop and record the ones you want.

And, recording from FM is just one of the many uses for this incredible deck.

## LOOK AT ALL IT DOES

If you're copying a record, you can make **two** copies at once. You can make one for your car and one for your main stereo at the same time.

You can even use different bias tapes in each deck because each deck has automatic bias sensing.

Of course, copying tapes is where this deck really excels. And, making flawless copies of **both sides** of a cassette at normal or high speed is just the beginning.

You can find a selection on the tape by using AMPS. AMPS (Automatic Music Program Search) lets you touch a button to advance to the next song on the tape. Or, you can return to the beginning of the current song you are playing.

It's a manual version of Intro Scan which I described earlier. It's important to remember that both Intro Scan and AMPS automatically function on both sides of the tape. In fact, they ignore the different sides and simply look at your cassette as a 90 minute piece of tape.

**But there's more.** There's RMPS. RMPS (Random Music Program Search) lets you play or listen to 15 random selections on your cassettes.

So, you can listen to song 7, 2, 15, and 6 on either side of the cassette. And you can copy a tape in any sequence you like.

Again, RMPS doesn't care what side of the tape a song is on. It lets you listen or copy in any order. This may seem odd, but I tend to use this feature to get rid of songs more than I use it to select them.

Let me explain. When I'm copying a record, it's a pretty good bet that I like most of the album or I wouldn't be copying it. But there are always a few songs I don't like. So I make a tape, then use RMPS to eliminate the songs I don't like.

## DREW LIKES IT

Before I talk about the quality of the sound, I've just got to tell you about this deck's automation.

Once you've programmed RMPS, one deck will fast forward, stop, then start playing a song. The other deck will switch into record and start at the same time.

Then both decks stop while the first deck 'looks' for the next song it is to play. Then they both start up again. This deck is simply mesmerizing to watch in action.

And I also like its continuous relay play. It first plays both sides of deck 1, then it plays both sides of deck 2. That's 3 full hours of non-repeated music.

But it never stops. It switches back to deck one and starts the whole 3 hour musical experience over and over again.

## BUT IT'S THE SOUND

As fascinating as this deck is to use and watch, without Sansui's meticulous attention to electronic detail, it wouldn't be worth its computers.

Sansui uses a unique High-Bs hard permalloy head and a double-gap ferrite erase head in **each** deck. In fact, the specifications are identical for both decks.

The frequency response extends from 20hz to 15,000hz with normal bias, to 16,000hz with CrO<sub>2</sub> and to 17,000hz with metal. The signal to noise ratio with Dolby C is 74db.

Each deck has dual capstans. Each deck has an electronically controlled DC motor for rock stable tape movement. And each deck's takeups and unwinds are operated by still another DC motor.

There is one set of controls for all the mechanical functions. Just select deck A or B. There is record mute for clean intros and exits.

And there is 'Auto Fade'. Just touch this button when you're recording, and in 4 seconds your recording volume will

fade to zero for clean professional endings. It also operates for intros.

What if you start recording a song that you decide you don't like. Well, just touch the RCPS button and the deck doing the recording will stop, rewind to the beginning of the selection you are recording and place itself in record pause.

If you are dubbing, the other deck will automatically fast forward to the next song and place itself in pause. Sansui has produced a very intelligent deck.

But, speaking of intelligence, there's one surprise that I think we 'tape nuts' will just have to get used to.

This deck features Automatic Level Control for each deck. Frankly, it does a great job. You won't notice any of the dynamic range compression that I've always associated with ALC.

What you will notice is perfectly recorded tapes every time. I still miss the controls, but I must admit that the recordings are flawless.

The Tape Collection Expander Plus is made by Sansui. It's their top of the line, and it sounds like it. It is 17" wide, 4 1/2" tall and 9 1/2" deep. It's backed by their standard limited warranty.

## EXPAND YOUR TAPE COLLECTION AND YOUR MUSIC RISK FREE

Record from the most dramatic digital disk you own. Then listen to the tape. You'll be sold. Then copy the tape and listen to the copy. You'll be amazed.

Wait till you see this deck explode into action. Wait till you feel the quality of its controls. If you're not 100% satisfied, simply return it to DAK in its original box within 30 days for a refund.

To order your Sansui Dual Auto Reverse, Dual Recording Cassette Deck with RMPS, AMPS, RCPS, Intro Scan and much more risk free with your credit card, call toll free or send your check for just \$349<sup>99</sup> (\$7 P&H). Order No. 4542.

Now you can have great music and total automation. And best of all, along with the audiophile quality, you can easily build a massive, totally personalized tape collection that you'll enjoy for years.



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# Unshackled TV/Video Sound

Now you can do for your ears and brain what color TV has done for your eyes, with Universal's new amplified true stereo and electronically synthesized stereo system for your TV and VCR.

By Drew Kaplan

It's amazing. TV sound is really great. It is actually broadcast on the FM band.

In fact, every one of the great sounding FM stations, from FM 88 to 108Mhz, is tightly sandwiched between channels 6 and 7 on your TV.

So, why do TVs sound so crummy? The truth is that in most TV sets, all the money goes into creating the best picture quality, and the sound is left to a cheap amplifier and a 3-5" Low Fi speaker.

## POWER FOR THE VIEWER

Think about the bigger than life realism that enwraps you at a movie theater. It's called 'Sensory Emotional Involvement'.

The experience is a combination of the big picture and massive sound that together subconsciously cause your brain to register reality. Even with a great TV picture, a single 3-5" speaker may sound loud, but it won't thunder. It may be soft, but it won't whisper.

And most important, with all the sound coming from just one point, your brain doesn't get any reality cues.

Now, without changing your TV, your Monaural VCR or Stereo VCR, you can dramatically enhance realism and sound quality by creating moving sonic cues.

Then you can add great fidelity with a pair of two-way, specially shielded, die-cast aluminum speaker systems with real woofers and tweeters. You'll hear sounds that you never knew existed.



## SIMULATED STEREO PLUS

In a world where our brains are attuned to the sonic impact of stereo music, nothing turns off the feeling of reality more quickly than a single sonic source.

Simply running your TV signal to two speakers and amplifying it will increase the fidelity dramatically, but it won't make the sound come alive.

The signal has to be altered. And, with Universal's new Amplified System for your TV, Monaural VCR or Stereo VCR, you can select true stereo or simulated stereo, depending on your video source.

When you switch to 'Simulated Stereo', you'll divide and send different sonic data to each speaker. And, you'll control Volume, Balance, Bass and Treble.

Just connect a cable (included) from

the amplifier to either your TV's earphone jack (plug included) or your Monaural or Stereo VCR's output jack(s) and get ready for a mind boggling sonic shock. It's backed by Universal's limited warranty.

## UNSHACKLE YOUR TV'S SOUND RISK FREE

Now you can have truly realistic, emotionally charged sound for your TV. If you're not 100% satisfied, simply return it to DAK in its original box within 30 days for a courteous refund.

To order Universal's Amplified True Stereo and Synthesized Stereo System, complete with Two-Way Speaker Systems risk free with your credit card, call toll free, or send your check for DAK's breakthrough price of just \$89<sup>90</sup> plus \$7 for P&H. Order No. 4666. CA res add tax.

# TV/Video Recorder Sound Thruster

Don't blame your TV if it doesn't sound as good as your stereo system. Now you can have ADC's \$129 TV/VCR Sound Thruster for just 69<sup>90</sup> to synthesize and/or expand stereo, reduce noise and more.

It's amazing. TV sound is really great. It is actually broadcast on the FM band.

In fact, all of those great sounding FM stations that you listen to on your home stereo are actually tightly jammed between just the 2 TV channels, 6 and 7.

So, why do TVs sound so crummy? Well, if you compare a \$1000 stereo system to even the best \$800 TV, you'll realize that when you bought your TV, all the talk was probably about picture quality, sharpness, and color purity.

It's the same with video recorders. Everyone's interested in the picture, and the sound just comes along with the deal.

In most TV sets, all the money goes into creating the best picture quality, and the sound is left to a cheap PM 3" or 5" one-way Low Fi speaker and an even less impressive 1 or 2 watt amplifier.

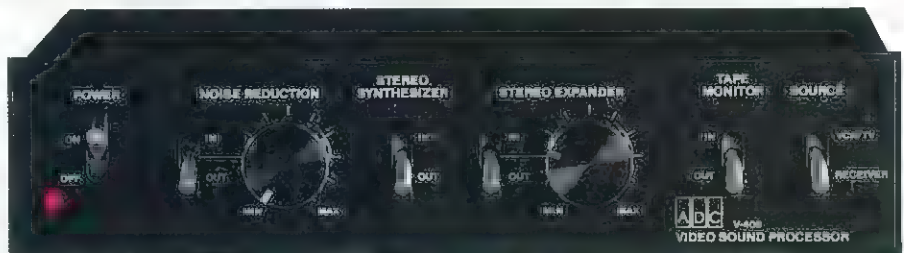
## KNOCK YOUR SOCKS OFF SOUND

Well, now with ADC's video sound processor, you can have vibrant, rich dramatic sound from your TV, from your Monaural VCR or your Stereo VCR.

Just connect ADC's processor to any of your video components and to any 'Aux In' of your stereo system, and get ready for a massive experience in sound.

First, you'll have simulated stereo. Forget dull one point sound. ADC provides 5 separate simulated bands to really give your video's sound dramatic reality.

Then, add 'Stereo Wide'. You can control the width of the stereo experience,



either from the synthesized stereo or even from a stereo video recorder.

This continuously variable control creates the illusion that sounds are coming from outside the area of the speakers. The overall effect is a 'live' sound, comparable to that of a theater or concert.

Finally, there's variable DNR<sup>®</sup> noise reduction. TV sound tends to have more hiss and noise than conventional FM. So, you can use this variable intelligent noise reduction system that requires no encoding for great video sound.

So, you'll have real or simulated stereo. You can increase the stereo effect of any 'stereo' signal. And, you can reduce or eliminate noise.

## INTEGRATED AUDIO AND VIDEO

Now you can listen to your video sound through your stereo system. Now you can 'prepare' the sound so it will sound magnificent when it comes from your audio system. It's made by ADC and backed by their standard limited warranty.

## ENERGIZE YOUR VIDEO SOUND RISK FREE

Just connect a few included cords to your TV's earphone jack or the 'Audio Outs' of your video recorder, then to the 'Aux In' of your receiver and get ready for a thrilling sonic experience.



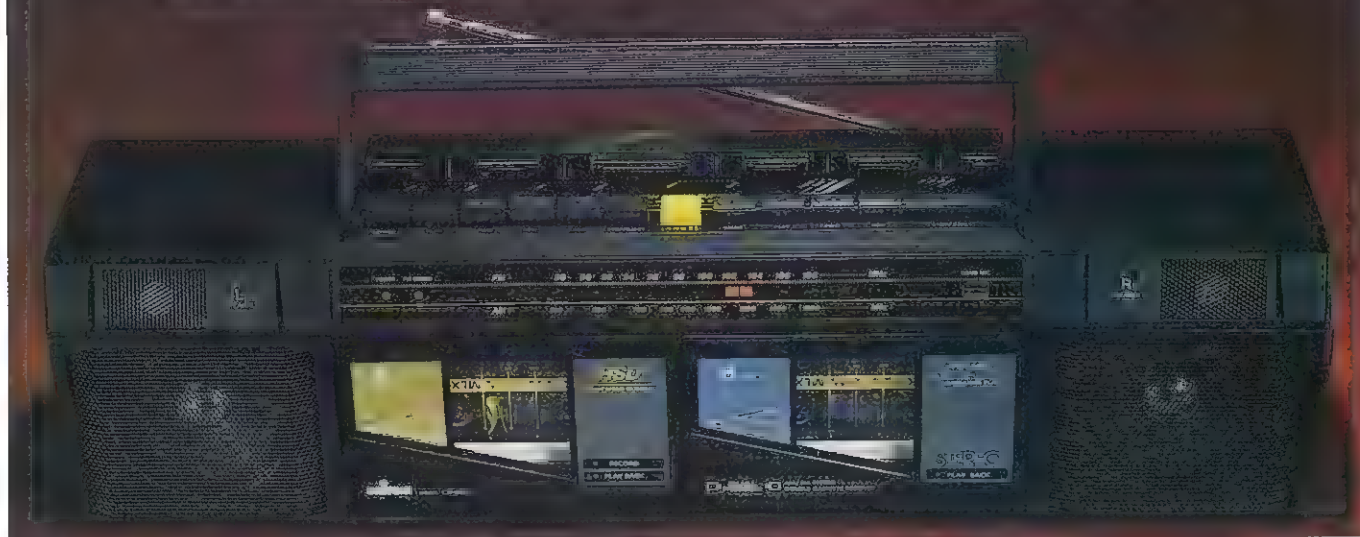
If you're not 100% satisfied, simply return it in its original box within 30 days for a courteous refund.

To order your ADC Video Thruster with Simulated Stereo, Stereo Wide, DNR<sup>®</sup> noise reduction and more risk free with your credit card, call toll free or send your check, not for ADC's \$129 suggested retail but for only 69<sup>90</sup> (\$4 P&H). Order No. 4667. CA res add tax.

Integrate your audio and video systems and be thrilled by the sound.



# Cheap Thrills for \$39<sup>90</sup>



**For just the price of a monaural recorder, look at all the thrills. You'll have an AC/DC portable recorder with high speed dubbing and sequential play, plus AM and FM stereo and much more for just \$39<sup>90</sup>. But, there's a catch.**

By Drew Kaplan

It's 18 $\frac{3}{4}$ " of full rich stereo sound. Why settle for a monaural portable radio/recorder's sound ever again?

In fact, why settle for just one cassette when you can have uninterrupted music from two cassettes sequentially?

And, while you're enjoying the full, rich, stereo sound, think about the ability to copy stereo cassettes at **HIGH SPEED** wherever you are. It's yours for just \$39<sup>90</sup>, but don't forget there's a catch.

## MANY USES

Sure, you can copy your friends' tapes. Sure, you can make copies of your own tapes for your car. And, sure you can copy educational cassettes.

But, at just \$39<sup>90</sup>, you can use this great sounding portable stereo music center around the house just like a cheap monaural radio/recorder too.

I've had a monaural radio/cassette recorder for years. I use it to listen to the morning news while I shower and shave.

When I head out to fix a sprinkler, to work in my shop, or to our attic to run more wires, it usually isn't an expensive portable stereo that goes with me.

Now I'm using this dynamite new stereo recorder. It's super rugged. It sounds great. And, for \$39<sup>90</sup>, frankly, I can throw it on the grass, on top of a rock, or in my car's trunk without worrying about it.

## LOOK AT ALL IT DOES

From your first touch, you'll feel the quality of this AC/DC portable stereo music center with its 1 button recording and electronic high speed dubbing.

Just put recorded cassettes into both decks. You can play the tapes sequentially by pressing both play buttons. When one deck is finished, it will shut off and the other will automatically begin.

If you want to copy a tape, simply put the tape you want to copy in 'Deck B' and a blank cassette into 'Deck A'. The big yellow button lets you choose normal or high speed duplication.

You can copy cassettes while operating from AC (cord included), or from standard 'C' batteries (not included). So, you can have great musical sounds or

make copies wherever you are.

**A note about Dolby®.** If you have a tape recorded with Dolby, you can copy it on this deck and the copy will still be recorded in Dolby. If you simply play a tape that's been recorded in Dolby, it will sound brighter and more vibrant than normal because Dolby boosts the highs in the recording.

In fact, many people record cassettes in Dolby to play through their high-end starved car stereos to make the sound more vibrantly alive.

Of course, you can record from the built-in AM or FM stereo tuners, the built-in condenser microphone, or you can plug in your own mike.

And, wait till you hear the FM stereo reception. There's a stereo/mono switch to remind you of just how much more exciting this stereo is than your old mono radio/cassette recorder.

And, with the AM radio tuner, you'll never be without news. This is a very useful link to the outside world during emergencies. It's made by Unitech and backed by their limited warranty.



## A SIMPLY PERFECT CATCH

What could go better with a high speed dubbing machine than 10 DAK 90 minute Gold Label cassettes? And, selling you this duplicator is a clever ploy to sell you more cassettes in the future.

We make a cassette with great sound and no problems. We want you to try DAK's Gold Label MLX ultra high energy normal bias or high bias cassettes.

Don't pay \$4<sup>50</sup> or even \$3<sup>50</sup> for your cassettes. Buy factory direct for just \$2<sup>49</sup> for DAK MLX normal bias or \$2<sup>69</sup> for MLX<sup>2</sup> high bias 90 minute cassettes.

We challenge you to compare the frequency response, dynamic range and signal to noise ratio of our Gold Label MLX to Maxell or TDK cassettes.

DAK's normal bias cassettes have a frequency response to 19,500hz and our high bias to 21,000hz. Both come with a hard plastic box, an index insert card and a limited 1 year warranty.

## WHY, YOU MAY BE ASKING

Obviously, we're losing our shirts on the portable music center. But, you're very valuable to us in the form of future business. Over 1,100,000 people like you have responded to our bonuses.

We find that once you've tried our products, most of you keep buying from DAK; and that's a worthwhile gamble.

## TRY DAK MLX & MLX<sup>2</sup> CASSETTES AND GET THRILLS CHEAP

Wait till you hear the stereo. Wait till you duplicate some tapes. And, wait till you sit back and enjoy uninterrupted music from sequentially played tapes.

To get the portable stereo music center for just \$39<sup>90</sup>, try just 10 MLX or MLX<sup>2</sup> cassettes. If you aren't 100% satisfied, return only 9 of the 10 cassettes and the portable stereo in its original box within 30 days for a refund. The 10th cassette is a gift for your time.

To order your 10 Gold Label DAK 90 minute cassettes and get Unitech's Dual Cassette, High Speed Dubbing, AC/DC Portable Music Center with FM stereo and AM, call toll free, or send your check for just \$24<sup>90</sup> for the MLX90 cassettes plus \$39<sup>90</sup> for the stereo and \$6 for P&H. Order No. 4515. CA res add sales tax.

If you prefer our MLX<sup>2</sup> high bias 90 minute cassettes, send just \$26<sup>90</sup> for the 10 tapes, plus \$39<sup>90</sup> for the stereo and \$6 for P&H Order No. 4516.

Increase your tape library and enjoy great sounding music wherever you are. DAK MLX and a \$39<sup>90</sup> dual cassette music center make it time to stock up.



**DAK**  
INDUSTRIES INCORPORATED

## TOLL-FREE ORDER LINE

For credit card orders call 24 hours a day 7 days a week  
**CALL TOLL-FREE. . 1-800-325-0800**  
8200 Remmet Ave., Canoga Park, CA 91304



# The \$599 Plain Paper Muncher

Royal is out to take over the plain paper copier field with a barrage of features and reproduction quality that's equal to DAK's \$3000 copiers. At home or at the office you can now have superb copies on plain paper for \$599.

By Drew Kaplan

It was my first luxury. I rented a Xerox machine for my office at home. Every time I made a copy of a letter or a magazine article, I felt successful.

My wife copied recipes and a never ending series of school projects for our kids. I could copy checks, tax returns or receipts. But, it cost me \$100 per month for the rental, plus a charge per copy.

## ROYAL BLASTS PRICES

Well, now at home or in my own office at DAK, I can make perfect copies of letters, documents and even pictures from magazines with Royal's all new plain paper desk top copier.

I use the same paper I used with my Xerox. I can even use DAK letterhead. And, I can even copy on both sides.

This copier lets me keep plain paper in its cassette paper holder (on the right) and I can feed different paper like DAK letterheads or the back side of a page I've just copied into the left side.

Frankly, it makes just as good copies as DAK's main \$3000 copiers. In fact, because it's only 14½" wide, it sits on my desk, so I use it most of the time.

I do get up and use our main copiers when I have to enlarge or reduce something. And I use our main copiers when I copy large computer reports. Royal's copier only copies 8½" by 11" paper.

You can make up to 79 unattended copies at the rate of 10 per minute. And here's something I really like.

All of our main copiers turn themselves off after about 7 minutes of inactivity to save energy. Well, so does Royal's.

But Royal's does more. When you turn it on, it takes 30 seconds to warm up before you can make your first copy, as do our main copiers.

But with Royal's, you just touch the copy button twice and leave. In 30 seconds it will make 1 to 79 copies for you automatically.



lighten up for colored backgrounds. This copier simply produces identical quality 8½" by 11" copies to DAK's main office machines. Wow!

So, if you don't need to copy 11" X 14" computer reports or enlarge or reduce your originals, there's simply no reason to spend more than \$599.

If your family is like mine, a day won't go by that you won't use this copier. My wife copied the text of my son's speech. I made a copy of a disputed bill. And there's so much more.

My son borrowed a book for a report and copied 20 pages. We had to send a copy of our cancelled check for a house payment. And, I copied a poem from a book for my son to learn.

At the office we have several large

which is a major cause of service, is user removable. Just turn one thumbscrew and pull it out. A new drum assembly, complete with rollers that you simply slide in yourself, costs just \$79<sup>90</sup>.

So if yours goes bad, Royal figures it's good for about 2 years if you make about 400 copies per month, just slide in a new one. Everything else can be cleaned.

So, with Royal you can forget typical service problems. It's backed by Royal's standard limited warranty.

## MAKE PERFECT COPIES RISK FREE

I love having a copier. I make copies of things that I file so I don't lose the originals. I never have to get in the car when I need a copy of a document at home. And, I don't need to leave my own office to make a copy when I'm at work.

If you're not 100% satisfied with the perfection of the copies or the ease of use, simply return it to DAK in its original box within 30 days for a refund.

To order your Royal Plain Paper Copier complete with a toner cartridge and with Both Sides Copying Capability, and the ability to Copy Books and Magazines risk free with your credit card, call toll free, or send your check for just \$599 (\$18 P&H) Order No. 4434.

Extra 2500 Copy Black Toner Cartridges are just \$49<sup>90</sup> (\$3 P&H). Order No. 4435.

Now, every small business, every Doctor's office, every hard working executive and every home can have a plain paper copier. Wow, it's so great to have.

Xerox is a registered trademark of Xerox Corporation.



## SAME METHOD

Just like our other office copiers, this machine uses a photoconductor drum and dry toner. What's really nice is that the toner comes in a slip-in cartridge.

The inexpensive toner cartridge will provide you with up to 2500 copies.

And by inexpensive I mean \$49<sup>90</sup> which works out to about 0.019 per copy. And look at this, because Royal's copier uses dry toner, it won't dry out. So, if you make 10 copies a month or 500, just turn it on and it's always ready.

So, at your desk you'll copy letters without walking half way across the building and at home you'll copy letters, school projects, newsletters and recipes.

## HOME OR OFFICE

You'll love the quality. As you can see on the control panel, you can not only select the number of copies you want, you can alter the intensity.

You can make dark solid copies or

expensive copiers. But, we have a 64,000 square foot building. I can buy 5 of these for the cost of one standard machine.

And, since the copy quality is identical, several departments are putting them in. They're thrilled and I'm happy because they'll save time (which is money for me).

## THE UGLY SERVICE PROBLEM

Well, it had to rear its ugly head. Everyone knows that copiers need service. But Royal has made a quantum leap in eliminating most service.



The dreaded photoconductor drum



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# Mrs. Drew's Phones

*If you've got 2 lines (or 1, see below) as we do, and your wife doesn't like office-looking phones, but you both want smart phones, here's the answer.*

By Drew Kaplan

Yes, there really is a Mrs. Drew. And, she talks on the phone a lot. So, she likes automated, sophisticated phones, just as much as I do.

But, and this is a big **BUT**, she likes phones that don't look as if they belong in my office. And by sophisticated, I don't mean she just likes last number redial.

She wants a phone with lots of memory, direct one button access is best, hold, and a phone company type handset.

The phone pictured to the right is a triumph in resolving the conflict between function and form. It has 20 one button instant direct dial memory buttons.

It has two lines, complete with conferencing. Conference is a particularly nice feature in our home because my wife is always active in group functions.

By joining our two lines she can have more than one group member involved at a time. It's great for friends too.

True hold is also a very important feature. If you're like us, you often have to go get your mate or kids when you answer a call for them.

With true hold, you won't leave receivers off the hook. And, you don't have to stay on the line till someone picks it up.

It also has separate high, low and off electronic ringer buttons for each line. And, LEDs show all the functions.

It also has Tone/Pulse dialing, but we live in a Tone area, so we really don't care about that. And it has a pause feature, which is nice because we can use it for Long Distance Discount Dialing.

This phone is not only acceptable any-



where in our home, it's been an elegant addition to several of our rooms.

Plug it into any modular jack. It's backed by a limited warranty from Unitech.

## A TOUCH OF 2-LINE CLASS RISK FREE

Wait till you hear the sound. Wait till you put the phone company-type handset up to your ear. And wait till you conference your two lines or simply touch a single button to dial a number.

If you're not 100% satisfied, simply return it in its original box within 30 days

for a courteous refund.

To order Unitech's Two Line, Conferencing, 20 Memory, Phone with True Hold, Mute, Tone/Pulse Switching, 2 High/Low/Off Ringers in your choice of decorator colors risk free with your credit card, call toll free or send your check for just \$69<sup>90</sup> (\$3 P&H). Use Order No. 4668 for White, Order No. 4669 for Beige, or Order No. 4670 for Black. CA res add tax.

Whichever color you choose, you'll have great sound, automated features and elegant good looks.

*If you're a one line household, or you simply don't need 2 lines in every room, wait till you see what you can do with these automated elegant phones.*

Smarts come in colors. These elegant white phones, with side accent surround and matching handset and cord, are really powerful automatic dialers.

We have the Sky Blue Model in our bedroom, both because of its styling and its power. You'll have the power of 14 memories, including 3 direct access, and last number redial.

So, you won't have to remember long distance numbers or get frustrated when you dial a busy number. I really hate dialing complicated phone numbers.

Of course, you can dial in Tone or Pulse, and even put in pauses for long distance services. It's a powerful dialer.

You'll also enjoy having True Hold. You won't ever have to leave a receiver off the hook again.

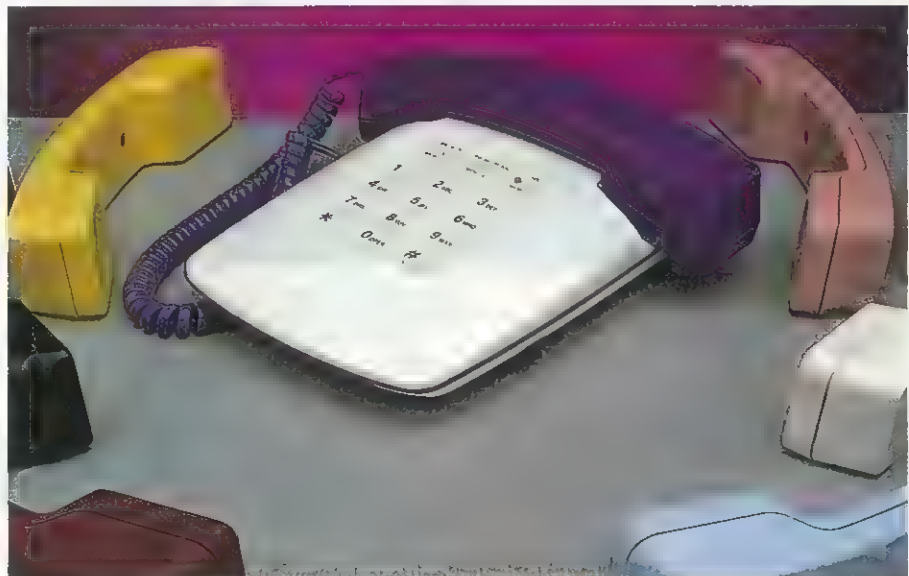
And you'll have a ringer on/off switch so you won't have to be disturbed unless you want to be. (A nice bedroom feature.)

This phone has the comfortable phone company-style handset that easily cradles on your shoulder. And it sounds simply fantastic. It is a perfect combination of traditional phone company fit, feel and quality, plus the latest in features.

Just plug in its modular cord and start dialing. It's backed by Universal's standard limited warranty.

## A TOUCH OF 1-LINE CLASS RISK FREE

Wait till you feel its buttons. Wait till



you hear its sound. And wait till you see its swept-back, space age, yet classic, understated elegant styling in your home.

It's really a sculptor's futuristic rendition of a conventional phone. If you're not 100% satisfied, simply return it in its original box within 30 days for a refund.

To Order Universal's 14 Memory Automatic Dialing Phone with True Hold, Tone/Pulse Switching and On/Off Ringer

risk free with your credit card, call toll free or send your check for just \$49 (\$2 P&H). Use Order No. 4671 for White, Order No. 4672 for Black, Order No. 4673 for Burgundy, Order No. 4674 for Pink, Order No. 4675 for Sky Blue, Order No. 4676 for Purple, or Order No. 4677 for Yellow. CA res add tax.

With all its functions and power, it's much more than just an elegant phone.



# Cable Controller Plus

**Get all the cable channels on any TV or video recorder with this all new wireless infrared remote control cable tuning system. And at just \$88, we're sure to break the cable market wide open.**

If you've got cable, we've got it all. Now you can tune in up to 60 cable channels from your easy chair.

The Universal Cable Controller receives all VHF Low Band channels 2-13 and VHF Midband 14(A)-22(I).

Plus it tunes the Super Band VHF channels 23(J)-36(W) and Hyper Band channels from 37-60. You'll get a lot of stations for our breakthrough price.

## MOVIE CHANNELS

If there are movie channels on your cable and they're not scrambled, the Controller is all you need. If they're scrambled, you'll need the cable company's box.

**Note:** Check with your cable company before viewing anything at all, to see if they require you to pay a fee.

## SPORTS PLUS

There are lots of 'Super Channels' broadcast on cable. On the all sports channel you'll watch 'World Class Sports' whenever you wish. All Movie Channels give you entertainment at all hours.

And 'Super Stations' from New York and Atlanta give you major city TV for cities other than your own. Plus, there's Cable News Network for a world wide perspective on the news and much more. Why not see what's on your cable?

## ONLY FOR CABLE

If you don't have cable, the Cable Controller isn't for you. It only finds you extra channels when you are connected to a cable. And, it doesn't tune in UHF.

But, if you're on cable, your cable company is rebroadcasting UHF over unused VHF channels. So with the Cable Controller tuner, you'll get it all.

## TOTAL RANDOM ACCESS TUNING

The wireless infrared remote hand controller does it all. It switches both the TV and the Controller on and off and selects your channels. **And, look at this.** You can select your favorite channels (up to 6) and store them in a special section.

Then just touch the special 'RCL' Recall Button and you'll be able to sequence through only your favorite channels. This is especially convenient if you like to flip through movie channels during commercials on regular TV.

For the other channels, you'll enjoy total random access tuning. You can go directly from channel 2 to 28. Or you can step tune one channel at a time.

Once you've set your own TV to channel 3, you can just forget it. Any fine tuning is handled from the wireless infrared remote handset. And you'll have crystal controlled frequency phase lock loop synthesizer tuning for the finest picture.

You'll see the number of the station that you have selected displayed on the command base. And, you can tune channels either from the remote or the base.

Color tints, volume, brightness and contrast are all controlled by whatever method you now use.

## INSTALLATION

Nothing to it. All cable systems use 75 ohm round cable. Simply unscrew the end from your TV and screw it into the Controller base input.



Then screw in an identical cable (included) between the Cable Controller and your TV. Finally, plug your TV's AC plug into the Controller and the Controller's AC plug into the wall.

## WHAT IT IS

The Cable Controller is actually a very sophisticated, all electronic VHF TV tuner/receiver. It's really like a TV set without a picture tube.

Since it's all electronic, you won't be getting snow from dirty tuning contacts and loss of fine tuning as the set ages.

The Controller tunes all the possible stations that your cable can broadcast, something that would be very expensive to build into standard TVs, because not all TVs are going to be used on cable.



## GREAT FOR VIDEO RECORDERS

Now you can record off cable. With the Cable Controller hooked to your video recorder you can open the world of cable to your video recorder too.

Cable ready video recorders that don't even tune in 60 channels can cost hun-

dreds of dollars extra. You can feed both your TV and video recorder. Or, you can separate them so that you can easily watch one thing and record another.

## WHAT IT ISN'T

It isn't one of the infamous 'black boxes' you might have read about that illegally decode various 'Pay TV' channels. On cable, most of the programming isn't scrambled, it's just found outside the tuning range of the average TV.

So, if there is a Pay TV channel that is scrambled, or is only unscrambled on one TV in your house, the Controller is not made and should not be used to tune it in without paying.

Actually 'Cable Ready' TVs and video recorders do basically the same thing as the Cable Controller, but cable tuning is usually an added on feature that often doesn't cover as many channels.

The Cable Controller is made and backed by a standard limited warranty from Universal Security Instruments Inc.

## TRY THE WORLD OF CABLE

### RISK FREE

Relax up to 20 feet away. Change channels, adjust the fine tuning or turn your set on or off. Explore the vast number of cable channels available to you.

Try it risk free. If you aren't 100% satisfied, simply return it in its original box within 30 days for a refund.

To order your Universal 60 Channel Cable Controller with Wireless Infrared Remote Control, risk free with your credit card, call toll free or send your check for DAK's market breaking price of just ~~\$88~~ plus \$5 for postage and handling. Order Number 4147. CA res add tax.

There's a whole new world of entertainment waiting for you just off your normal TV tuning range. With the Cable Controller, you can sit back in your favorite easy chair and tune in the world.



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**CALL TOLL-FREE. . . 1-800-325-0800**  
8200 Remmet Ave., Canoga Park, CA 91304



# Monster Masher Plus

**Here's a 140 watt (70 X 2) component system complete with a pair of 'BSR's Endangered Colossus' Speakers that will not only shake the foundations of your home, it will do it automatically.**

The sound is fabulous. But, you'd expect thunderously vibrant sound from a Monstereous System like this.

Imagine the awesome sound you'll experience when you combine BSR's '15" 'Colossus' Speakers, with a 140 watt (70 X 2) integrated DC servo amp, a linear tracking turntable, a quartz PLL synthesized tuner, and oh, what a tape deck.

## TAME THE MONSTER

Before we look at the specs, because after all they're the only sane reason to buy a good system, let's see just what's so 'automatic' about this system.

The linear tracking, DD automatic turntable plays both sides of your records. Just select the tracks on both sides of your records in the order that you want to hear them. Tracks from both sides can be intermixed. Play them once or repeat them over and over again.

## MONSTER RECORDINGS

Now that you've programmed your turntable, just push the large blue button on the upper right hand corner of the tape deck. And, you've entered 'CompuEdit'.

Your new tape deck will automatically start as the needle meets the groove of the first track of the record you've selected. It stops at the end of each track.

Then as each programmed selection begins, the tape will start again. The end result is a cassette copy of both sides of the record, flawlessly recorded, in the sequence that you've chosen.

And, by the way, you can switch the equalizer on the DC Servo Integrated Amp in and out of the recording loop.

By now you've probably noticed that this isn't an ordinary tape deck. But, wait till you see just how 'non-ordinary' it is.

Obviously it's a dual deck that lets you copy cassettes so that you can borrow cassettes or make extra copies of your own tapes for your car or pocket stereo.

But look at all this. First, there's high speed dubbing. So you can copy a tape in 1/2 the time. Then there's sound on sound. And, you'll love this feature if you sing. Simply put a recorded tape in deck 'A' and copy it onto deck 'B' as usual.

But, while you're copying, you can add your own vocal to the copy. Just plug your own mike in and sing. You can be a single, a duet, a trio, or even a chorus by repeated recording. It's all up to you.

Both fully logic-controlled decks feature 'AMPS' which lets you locate specific selections on a tape. And, if you're in the middle of a song, you can start it over or skip to the next song automatically.

Plus, 'Auto-Relay Play' plays a cassette in deck A and then one in deck B.

Finally, there's a feature I didn't like at first. This deck features automatic recording level control (ALC). In the past, I've found ALC compresses dynamic range.

Well, I tried super loud dramatic peaks against absolute silence, and frankly, the deck's recording is flawless. I love it and I'm sure you will too.

## MONSTERS FROM THE OUTSIDE

There's a powerful quartz lock PLL digital synthesized tuner with 10.5dbf sensitivity and a 75db S/N ratio.

Oops, I slipped in a few specs. Oh



well, it's a great sounding AM and FM tuner with 6 AM and 6 FM presets that will really suck in stations.

## MONSTER, NOT MONSTEROUS SOUND

The Integrated Amp features DC servo amplification for super clean sound. It has 70 watts per channel from 20-20Khz with no more than 0.07% THD. It has a total frequency response from 10 to 60Khz and a signal to noise ratio of 100db.

In addition to its 5 band equalizer with  $\pm 12$ db control at 80hz, 280hz, 1Khz, 3.5Khz and 12Khz which can be switched in and out of the tape loop, it has a 2nd tape monitor circuit with in/out jacks.

The turntable, complete with 2 audio-ophile dual magnet cartridges, has a re-

sponse from 10 to 20Khz and the tape deck's response spans from 20 to 17Khz with a S/N ratio with Dolby B of 68db.

When you listen to the included set of BSR's '15" Colossus' Speakers described earlier in this catalog, be prepared for an earthshaking, thunderous, musical thrill.

The components are shown stacked for our picture, but as with any components, you can stack or separate them as you desire. Plus, these have the added advantage of being only 13 1/2" wide.

The components are made by Sansui, a company noted for both their superb audio equipment and superb technology. Sansui and BSR back their units with a standard limited warranty.

## TRY MONSTER SOUND RISK FREE

If you aren't 100% satisfied, simply return the system in its original boxes within 30 days for a courteous refund.

To order the Monster System risk free with your credit card, call toll free or send your check. Don't send the suggested retail of \$1070 for the individual Sansui Components and the DAK's \$298 price for BSR's 15" Speakers. Send just \$989 (\$42 P&H) Order No. 4520.

**FINAL CLOSE-OUT  
NOW JUST \$869**

Use Order No. 4520 Plus (\$42 P&H)  
Since the Yen went up in value, these systems can't be replaced.





# Answering Attack Phone

*Let's vanquish the problem of bulky complicated answering machines. And let's conquer the problem of lost beepers. Now when you're out, just the sound of your voice is all you need to retrieve your messages.*

Stamp out beepers. Here's a microprocessor controlled answering machine that's so smart it will give you your messages without using a beeper.

But, before we explore just how easy it is to use and all of its sophisticated features, such as, toll saver, 2-way record, and remote saving or erasing of messages, let's take a look at the phone.

Like the answering machine, the phone has attacked wasted motion, complicated commands and uncomfortable fit with the latest in technology.

Here's a phone that will dial any of your 10 most frequently called numbers with the touch of a single button. Just touch another electronic button and the phone will operate in Tone or Pulse.

Another button gives you instant redial. And, as for comfort, well just wait till you cradle the great sounding Phone Company style handset on your shoulder.

This phone which can be desk or wall mounted, is no larger than a conventional feature phone. It's just 9" deep and 8½" wide. And, a standard instantly changeable audio cassette (included) is concealed just to the right of the handset.



## VANQUISH THE REST

**Easy to use.** Forget cumbersome 'fixed time' outgoing announcements. Most machines make you fill a 20 second continuous loop cassette.

If you've ever tried to do this, you know just what a pain it is to make your message just the right length. With the Answerer, just push 'Record Announcement' and talk into the built-in microphone from 2 seconds to 50 seconds.

After you've recorded your announcement, the machine will automatically play it back for your approval.

When you get your first call, it will be answered on the 4th ring. (Read on to see why.) If you're at home, you'll hear the message being left by the caller over the built-in speaker if you desire.

If you wish to talk to the person, just pick up the receiver and start talking. If you don't, you've just experienced the **privacy protection** called 'call screening', which lets you hear who's calling before you decide to answer.

This machine will let your caller leave any length message up to one minute long. If they hang up in 20 seconds, that's how long the message will be.

If they don't choose to leave a message, the machine will ignore the call. So, when you play back your messages, no dead space. And of course, you won't have to listen to your own announcement between each message you receive.

## TOLL SAVER, OR THE 4TH RING

If you're across town or out of town, why invest a dime or pay for a toll call if you have no messages?

Each time you reset your machine, it will answer the first call on the 4th ring. After it's taken its first message, it automatically starts answering on the second ring. So, when you call in, just hang up if you get to the third ring. You'll automatically know that you have no messages.

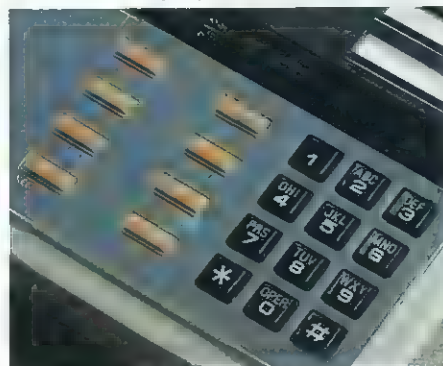
If you do have messages, just give the machine a special signal with your own voice, and you'll receive your messages. Then you can have the machine save or erase the messages that you have heard.

## MISSILE GUIDANCE

This machine is so smart that it electronically marks each message's location. It knows precisely where your outgoing announcement as well as each message that has been left is located.

The action is fascinating to watch. First, it plays your outgoing announcement. Then, it sounds a tone as it zips to the end of the last message it took.

It then beeps and starts taking the new message. Finally, it rewinds back to the precise start of your outgoing announcement, prepared to start again.



## MORE SMARTS

If you want to record both sides of a call, just touch the 2-way record button

and you'll have a record of the call.

Everything is automated. Just touch one of the full logic controlled buttons and this computer answers with a confirming beep and jumps into action.

To play back messages at home, just touch the 'Message Report' Button. A flashing message light even tells you at a glance if you've received any messages while you were out.

## EASY INSTALLATION

Just plug in the modular phone jack and the included AC adaptor. Then, just record your announcement.

The Answerer Attack Phone is ready to take messages or act as your super automated office or home telephone. It's made by Unitech and backed by their standard limited warranty.

## THE ANSWERER ATTACK PHONE RISK FREE

It's new. And, it will set you free. From its Phone Company feel handset to its electronic convenience extras to its state of the art answerer, you'll have incredible convenience and simply great sound.

If you're not 100% thrilled, simply return it to DAK within 30 days in its original box for a courteous refund.

To order your Unitech Answerer Attack Phone with totally automated telephone features and easy to use answering machine risk free with your credit card, call toll free or send your check for DAK's breakthrough price of just \$99 plus \$7 P&H. Order No. 4359. CA res add tax.

Wait till you hear the phone. Wait till you use the 1 touch dialing. And, wait till you hear the sound quality and enjoy the convenience of this answering machine.



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**\$5 WORD PROCESSING BONUS**



# Letter Cruncher

**When you want your letters to look like they were individually typed on a typewriter, let this \$399 suggested retail daisy wheel printer with underlining and bold print, turn out your job for just \$199.**

By Drew Kaplan

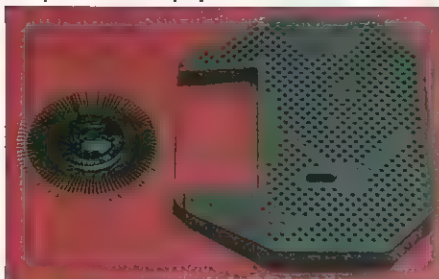
It's impossible to tell. No one will know. When your computer prints out a letter on this printer, it looks like you personally typed it yourself.

And the reason that it looks personally typed is because this remarkable printer uses the same type heavy-duty daisy wheels used in office typewriters.

And it uses 300,000 character \$6 poly ribbons. So, for business letters, for resumes, for reports or whenever you need professional 'typewritten' letters, this printer from Silver Reed is ideal.

Plus, we're even offering you a **Word Processing Program Bonus for \$5 to get you typing when your printer arrives.**

And you can print on your office letterhead, on your personal stationery or on plain white paper.



## ALL THE AUTOMATION

All its features are compatible with most major word processing programs.

And, it prints bidirectionally, has a buffer, and is logic seeking. If your line ends in the middle of the page, it doesn't have to go all the way to the margin before it begins the next line.

And now for the features. You can set the left margin from your computer's keyboard. DAK letterhead requires a 1 1/4" left margin, so I really use this feature.

You can set and clear tabs. You can set horizontal spacing (pitch) for expanded or contracted letter spacing.

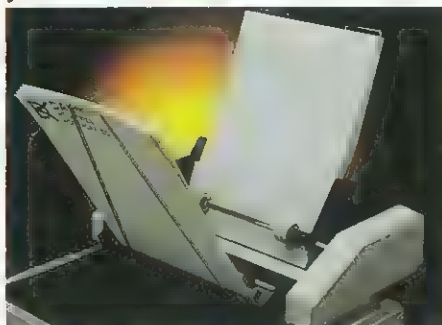
Standard line feeding is 6 lines per inch. But you can increase or decrease the spacing as you require.

You can turn on or off automatic underlining. You can print in bold. And, you can print both subscripts and superscripts. So, for symbols or emphasis, you can do it all with this printer.

## EASY TO USE

When you switch on the printer, it's preset for 11" paper, but you can set the form length to 8", 11", 12" or 15" to suit your needs. Whenever the printer receives a FF code, it will feed paper to the top of the next page. (This is most useful when you have the optional automatic cut sheet feeder or tractor feed).

There are dozens more features you can use, but remember, for plain letters, just turn on the machine.



## OPTIONAL CUT SHEET FEEDER

Use your standard letterhead, stationery, or plain paper, with Silver Reed's new cut sheet feeder. Just place a stack in its tray, and away you go.

It will automatically feed a new sheet at the end of the last sheet. It's like using

continuous form paper, except you use your standard 8 1/2" X 11 paper.

It loads just like a copier tray. It snaps on in less than 30 seconds. And, it lets you change paper easily.

## OPTIONAL TRACTOR FEED

It's amazing how inexpensive continuous form computer paper is. You can have it printed with your company letterhead, your personal stationery, or you can simply use plain white or colors.

You can even buy continuous labels so you can enter the mail order business. When I started DAK, I typed the mailing list (there weren't any personal computers) on gummed labels.



Boy, if I had had this system when I started, I'd probably be retired and scuba diving in Hawaii by now.

Anyway, the tractor drive system which lets you use computer paper, snaps in instantly (about 30 seconds), so you can switch back and forth effortlessly.

And finally, there is a large selection of daisy wheel type styles. So, you can choose styles that suit your mood.

## COMPATIBLE COMPUTERS

Use any computer with a Standard Cen-



tronics Parallel Port or a Serial Port.

### **SUPER BONUS \$5 WORD PROCESSING**

We have powerful bonus word processing programs for \$5, with the ability to edit and save a file on disk.

While you can choose just about any word processing program to energize this computer printer, DAK has developed incredibly easy to use programs.

If you own an IBM PC, an Apple IIE, an Apple IIC or a Commodore 64, \$5 will bring you phenomenal power.

If you own any other type of computer, standard word processing programs are available at any local computer store.

### **SUPERB LETTER QUALITY PRINTING RISK FREE**

If you want superb 'typewriter' typed letters, then hook this 10-12cps letter quality printer to your computer.

And best of all, if you want to change a word or a sentence after a letter is typed, your computer will retype it for you.

If you aren't 100% satisfied, simply return it in its original box within 30 days for a courteous refund.

To order the Silver Reed Letter Cruncher with parallel interface or serial interface built-in, a business style daisy wheel and a 300,000 character poly ribbon risk free with your credit card, call toll

free, or send your check for DAK's breakthrough price of just \$199 (\$8 P&H) Use Order No. 4344 for Parallel, or Use Order No. 4648 for Serial. CA res add tax.

Order the optional Cut Sheet Feeder which lets you use your standard letterhead automatically. It feeds paper like an automatic copier tray. It's just \$119 (\$5 P&H). Order No. 4627.

To order the optional instant connect tractor feed, just add \$69 plus \$3 P&H. Order No. 4345.

300,000 character poly ribbons are just \$6 plus \$0.50 P&H. That's a lot of printing for just \$6. Wow! Or. No. 4346. **INTERFACES FOR YOUR COMPUTER**

Silver Reed's printer has a built-in Centronics Interface or Serial Interface to receive information from your computer's interface. Interfaces are available for your computer at any computer store. Below are 4 of my favorites.

**For your Apple IIE.** A Parallel Interface is just \$49 (\$2 P&H) Order No. 9877. Just add \$5 (\$1 P&H) Order No. 4217 for the Bonus Word Processing.

**For your Apple IIC.** You don't need an interface. Just order the Serial Printer. We have a cable for just \$11 (\$2 P&H). Order No. 4649. Just add \$5 (\$1 P&H) Order No. 4217 for Word Processing.

**For your IBM PC, or Clone.** You don't

need an interface. It's usually built-in. All you need is a parallel cable to connect this printer. It's just \$19 (\$2 P&H) Order No. 9879. Just add \$5 (\$1 P&H) Order No. 4218 for the Bonus Word Processing Program.

**For your Commodore 64.** We have an interface for just \$39 (\$2 P&H). Order No. 9883. You get two bonus programs. You get a 200 Name, 8 Field Data Base Program and our Word Processing Program on disk for just \$5 (\$1 P&H) Order No. 4122.

**For TRS80 Black & White Computers.** You don't need an interface. All you need is our parallel cable for just \$18 (\$2 P&H) Order No. 9885. TRS80 Color computers have serial outputs. Order the Serial Printer and our cable is just \$18 (\$2 P&H) Order No. 4650.

Now you can harness the power of your computer while your printing looks like a typewriter. You'll never have to retype a letter if you find an error or want to improve a paragraph. Now, no one looking at the quality of the printing on your letters will know if you're a multinational corporation or a student.

Apple, IBM PC, Commodore 64, and TRS80, are registered trademarks of Apple Computer, International Business Machine Corp., Commodore Electronics Ltd., and Radio Shack/Tandy.

**PLEASE USE ADDRESS AND PHONE  
AT BOTTOM OF PAGE**

# **Cure Without a Problem?**

*Why would you want to have two printers connected to one computer, or two computers connected to one printer?*

By Drew Kaplan

Dot Matrix or Daisy wheel is the question. This new industrial printer switcher is the answer. Or, do you buy an expensive printer for each computer in your office, or let adjacent desks share the printer? Look at all that \$49<sup>90</sup> can do.

### **HARD CHOICES**

When you buy printers, you have to compromise. If you decide on a dot matrix printer, you'll get high speed, graphics, and maybe Near Letter Quality.

If you buy a daisy wheel printer, you'll get letters and reports that look 100% personally typed. But, you can't get graphics and your printing will be slow.

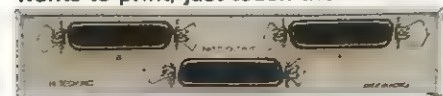
Well, I use a dot matrix printer for all my drafts, then switch to daisy wheel letter quality for the final letter. All I do is push a button to change printers.

This switcher will allow you to use **ANY** two parallel printers with your computer.

### **TWO COMPUTERS**

Printers aren't cheap. And if you think about it, most of the time they sit on your desk, waiting for your next command.

Well, now you can connect two computers to one printer and instantly switch between them. Whenever you or the person you're networking (sharing) with wants to print, just touch the button.



### **EASY HOOKUP FOR ANY COMPUTER**

Don't touch your computer. Unplug the cable from your printer and plug it into the switcher. Then connect parallel cables from the switcher to your printers.

Both ends have the exact same connector as the cable plugged into your printer. We have them or you can get them at any computer store.

We also have cables to connect your



IBM or IBM clone computers to this switcher. They have the parallel printer connector at one end and the DB25 connector, pictured below, at the other.



Note: if the connector on your computer has pins sticking out like the picture, you need to order the Female Cable.

If it has holes, then order the Male Connector that's pictured. The other end of the cable is always correct and you don't need to worry about male or female if you're just hooking up two printers.

If you have some other type of computer, any computer store should stock the particular cable you need.

It is 8½" wide, 5¾" deep and 2" tall. It requires no power. And, it's backed by a standard limited warranty.

### **A PRODUCTIVITY REVOLUTION RISK FREE**

Whether you want to use two printers as I do or use one printer with two compu-

ters, use this heavy duty switcher.

If you're not 100% satisfied, simply return within 30 days for a refund.

To order your Printer Switcher for Two Printers or Two Computers risk free with your credit card, call toll free or send your check for just \$49<sup>90</sup> (\$4 P&H) Order No. 4644. CA res add sales tax.

Parallel to Parallel 6 foot printer cables are just \$12<sup>90</sup> (\$1 P&H) Order No. 4645.

IBM or Clone DB25 to Parallel 6' Printer Cables are just \$19<sup>90</sup> (\$1 P&H). Use Order No. 4646 for Male (pictured). Or, Use Order No 4647 for Female.

Now you can make the best use of your computers and printers with this industrial quality printer switcher.

IBM is a registered trademark of International Business Machine Corp.



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# No Cable Mike

**Now, you can have total freedom when you use one of these new wireless professional crystal locked microphone systems with your PA, stereo, tape deck or even your video camera.**

You're free. Don't be tied down to one place by a microphone cable any longer. Now, you can move around the stage, throughout an auditorium or your home.

Inside or out. You'll use one of the new Nady cordless mikes for meetings, recording sessions, in classrooms, or even for home recordings.

If you're within 200 feet (100 feet for video camera model) of a sound system or tape deck, these new wireless mikes let you 'plug-in' with the flip of a switch.

## AN OLD IDEA, A NEW SYSTEM

In the past, there were two types of wireless microphone systems. There was the low power, short range FM type that constantly drifted. It competed for space on the standard FM radio band.

You used the microphone to broadcast to a nearby FM radio. The mikes sold for about \$30.

Then, there was the professional quartz locked Hi-Power version that worked great, but cost \$300 to \$500 and required an FCC license to operate.

Now, there is a new professional quartz crystal locked system that DAK is introducing for just \$169. It consists of a mike/transmitter and matched receiver.

**Plus, look at this.** You can choose either a lavalier or hand held mike. And, you can choose receivers that either plug into your PA, stereo, tape deck or your video camera.

Just like a fine electronic watch, both the transmitters and receivers are fitted with factory calibrated quartz crystals which absolutely lock in your signal.

It can't drift, there's no static, and it doesn't require an FCC license. The FCC released the 49mhz radio transmission band for use with these microphones. So, you won't encounter interference like you would with microphones that use the standard FM radio band.



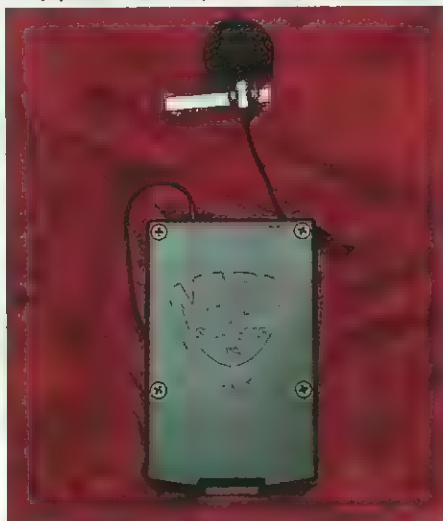
## THE WALLS OF JERICO

When Gabriel blows his horn, the sound will come through loud and crystal clear.



The Nady mikes use the latest electret condenser microphone system to provide a wide smooth frequency response.

You'll be able to talk or sing through these mikes with perfect fidelity. Each mike is powered by a standard 9V battery (not included) for long life.



Choose the lavalier tie-pin mike for speaking or singing when only one person is using the mike. Use the hand held version when it will be passed around or if the 'user' likes to hold a mike.

## NO INSTALLATION

It's easy. The quartz locked receivers just plug in. The base receiver has a 10 element LED signal strength meter and a 10 element audio power meter. It's a truly professional system.

Just plug it into any mike input in your PA system, stereo system or tape deck. Then plug in its AC cord, and away you go. You'll have a truly professional wireless system with a range up to 200 ft.

The video camera receiver is a one of a kind product. Now, you can be really free. Just attach the receiver to your camera (velcro included) or clip it to your

belt. A cable (included) plugs right into the mike input on your camera.

Then start making video movies with great sound. Now, you can follow the action while the sound stays solidly locked in with a range up to 100ft.

So, if you can see the person in your viewfinder, you can hear them flawlessly too. The video camera receiver operates on a 9V battery (not included).

You'll get a great reception with this professional microphone system at musical presentations, church services, weddings and dozens of other events, including great sounding recordings at home.

These systems are the most recent electronic breakthrough from Nady Systems, a company noted for their expertise in wireless transmission systems. It's backed by a standard limited warranty.

## TRY A WIRELESS MIKE SYSTEM RISK FREE

Plug in a professional wireless mike system and experience total freedom and great fidelity. Talk into the powerful mike/transmitters. Walk over the entire area which you would like to cover.

Speak or sing. Whisper or shout. If you don't find the sound quality and range to be 100% professional, simply return the system to DAK in its original box within 30 days for a refund.

To order a Nady Crystal Controlled Mike System, risk free with your credit card, call toll free, or send your check for DAK's super introductory price of just \$169 (\$3.50 P&H).

Here are your choices. The systems are sold in sets only. For the Base Receiver with a Lavalier Mike, use Order No. 4137. For the Base Receiver with a Hand Held Mike, use Order No. 4138.

For the Video Camera Receiver with a Lavalier Mike, use Order No. 4139. And, for the Video Camera Receiver with a Hand Held Mike, use Order No. 4140.

Now your microphone moves with you. You'll be a hit at home, school auditoriums, sales meetings, and churches.



# Ear Feast Plus

*Imagine the sound you'll hear from all your musical sources when you use these stereophones that are designed to capture the sonic violence, dynamic range and frequency response capabilities of CD discs.*

By Drew Kaplan

It's a fallacy. People are supposed to wear headphones so they won't bother other people. Rubbish, I wear headphones so no one bothers me. And, while I'm not being bothered, I want superb sound.

With a true 20hz to 25,000hz frequency response that isn't affected by limitations of your listening room environment, these all new Mura headphones can offer you some of the best musical sound from any source.

## HIGH VELOCITY DRIVERS

The sound is fast. It has to be to contend with the sonic capabilities of CDs. So, with any other source these incredible new headphones will be coasting.

Large, high velocity mylar diaphragms, (these drivers are much larger than traditional open-air headphones) have a real deep bass capability.

Samarium cobalt magnets are used for the voice coils because samarium has very closely spaced electron orbits that produce the strongest magnetic field potential. Therefore, it gives the fastest and most accurate sound reproduction.

The highs are clean and transparent. The mid-range is full and rich. In short, it's a great sounding headphone. And, it's a great feeling headphone as well.

Each ear section actually swivels to match your head for maximum comfort. From the leatherette covered headband to the extra ear pads, it's all first class.



The headphones come with a 4' cord which terminates in a mini phone plug. Then you get an 8' extension cord that terminates in a standard 1/4" stereo plug. It's all backed by Mura's standard limited warranty.

## A FEAST FOR YOUR EARS RISK FREE

Close your eyes and imagine the thundering bass produced by 15" woofers. Imagine the subtle realism of brushes tickling a cymbal.

Then put on these incredible new head-

phones and compare your imagination with the real thing. If you're not 100% satisfied, simply return them in their original box within 30 days for a refund.

To order your Mura, Ear Feast Plus, High Velocity Stereophones with full compact disc capability risk free with your credit card, call toll free or send just \$29 plus \$2 for P&H. Order No. 4340.

Don't be put off by our cheap price. You won't be hearing cheap sound. Although, at only \$29, the sound you do hear sure can be called 'cheap thrills'.

# Getting Cable Made Easy

*Now you can get cable TV programs on any TV or video recorder in your home without buying a remote control converter or having to hang out in the back of an electronics supply house to figure out what to do.*

It's called a block converter. And, most people don't know anything about what it does or how to hook it up.

In fact, unless you're into electronics, you may never have heard of it before. Most block converters have been installed by technicians who knew what to buy, where to get it, and how to put it in.

## DAK MOVES IN

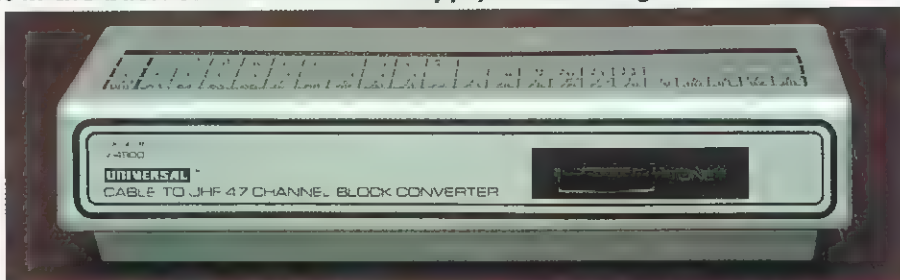
You can literally be enjoying the world of cable on any TV or recorder in your home in less than 10 minutes when you use DAK's \$9 installation kit. Wow!

Anyway, a block converter is really very simple in concept. It captures the cable channels and rebroadcasts them to your TV on its UHF band.

If you have cable now, you'll notice that nothing is hooked to your UHF terminals because all cable is VHF.

## SCARY INSTALLATION?

Just unscrew your cable from your TV. Then screw it into the block converter's input. Then open our \$9 installation kit. Connect one cable between the VHF output of the block converter and your TV and the other cable from the UHF



output to your TV's UHF input.

Ah but wait, UHF inputs on TVs are screw terminals for flat cable, not round cable. Well, we've included the adaptor you'll need. In fact, we've included 2 adaptors so that you can connect a TV that's never been connected to cable.

Then just turn on your TV, switch to UHF and enjoy cable. **Note:** You should check with your cable company to see if they require a fee. This converter is not an illegal descrambling black box.

## HOW GOOD IS IT?

Because it is rebroadcasting the signal, you can expect between 90 and 100% of the quality you'll get with the cable company's box. And, if you have a TV with remote now, it will work perfectly.

**IMPORTANT NOTE:** It converts up to 47 channels all the time. The tuning knob is for fine tuning only.

It's made by Universal Security Instruments, Inc. And it's backed by their standard limited warranty.

## CABLE TV MADE EASY RISK FREE

You'll especially enjoy making your video recorders or the TV in your bedroom cable compatible. If you're not 100% satisfied, simply return it to DAK in its original box within 30 days for a refund.

To order your Cable Converter/Block Converter risk free with your credit card, call toll free or send your check for just \$29 plus \$2 for P&H. Order No. 4341.

To get your DAK hookup kit consisting of 2-3' cables and 2-75ohm to 300ohm adaptors, add just \$9 plus \$1 for P&H. Order No. 4342.

The truth is that any TV or video recorder can receive cable. And, you won't need to be an electrical engineer.

## CH-CHANNEL CONVERSION CHART

CABLE	2	3	4	5	6	A-5	A-4	A-3	A-2	A-1
UHF	36	37	39	40	41	42	43	44	45	46

CABLE	12A	12B	15C	17D	18E	19F	20G	21H	22I	7	8	9	10	11	12	13
UHF	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62

CABLE	23J	24K	25L	26M	27N	28O	29P	30Q	31R	32S	33T	34U	35V	36W	37X	38Y	39Z	40	41	42	43	44	45	46
UHF	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83			



# Ion Tidal Wave

*Like the awesome thundering power of a tidal wave, negative ions will wipe pollution out of your environment. And like the rising and falling tides remove pollution from the beach, your environment will be kept pollution free.*

Nothing stands up to the mighty force of a tidal wave. And when the wave recedes, it takes everything with it.

And like the mighty suction of the receding ocean waters, pollutants in your air, from smoke to pollens, will succumb to the power of the Ion Tidal Wave. Here's how it works.

## IN AND OUT

First the mighty wave strikes. The force of this wave's wall of water consists of 15.5 trillion negative ions per second.

Being negatively charged, the ions attach themselves to any positively charged particles in your air. Pollutants such as cigarette smoke, pollen, smog, car exhaust and insecticide dust, all have positive charges. So, the negative ions are drawn to them like magnets.

Then the awesome wave of negative ions stops. The negative ions, complete with the attached pollutants, start drifting to your positively charged walls, ceilings and floors.

**But wait.** Just as the ocean reclaims the water that it so forcefully delivered in a tidal wave, the base of the Pulsair becomes a powerful positive collector and sucks the ions, with the pollutants attached, back to itself.

So, instead of falling to the floor or sticking to your walls, most of the pollution is pulled back to the Pulsair. Just like the rising and falling tides, your environment will be cleansed by the action of the ion wave.

If you want to see an ion generator remove smoke, here's an easy test. Place a standard clear kitchen bowl over the ionizer. Puff some cigarette smoke into the bowl. Then plug in the ionizer.

Before you can say, "Pulsair Kill", the smoke will be totally gone. It's an easy test and it's sure to make you a believer.

You'll get a graphic example of just what will happen to pollen, smoke and other pollutants in your environment.

## BIG BERTHA OF GENERATORS

Pulsair is the third generation of ion generators. First there were simple generators that generated negative ions.

Negative ion generation is used in hospital burn wards and computer chip manufacturing to remove microscopic particles that can adversely affect patients and chips alike.

These ion generators worked fine. In fact, they worked so well that your walls became black from the particles they removed from the air.

In my opinion, black walls are a lot better than black lungs. But they worked so well, that consumers complained.

Then came bipolar collectors which sent out ions and concurrently collected them in the base. (We still sell one that works great for just \$39).

Your air could be cleaned, your walls didn't get too dirty and everyone was happy. The only negative was that the ions couldn't go as far because they were being pulled back by the collector even as they were sent out.

**Enter Big Bertha.** Pulsair is different. It is bipolar, but it operates just like the ocean's rising and falling cleansing tides.



By sequentially sending out a massive wall of negative ions, then shutting off, and finally turning on its collector, a massive constant circulation of ions occurs that cleanses your room like never before.

Minute by minute, hour by hour, day by day, the sequence continues. First a massive wave of ions is sent out. Then seconds later, it's sucked back to the collector. You can't hear it. You can't feel it. But, watch the smoke disappear.

## CIGARETTE BUTTS & BOULDERS

Fans with charcoal or furnace type filters may remove some large particles like cigarette butts and large ashes from the air. But, they're just about useless for anything under 5 microns.

Over 90% of air pollution particles are smaller than 5 microns. So, there just isn't any other reasonable defense for you other than a negative ion generator.

Pulsair is just about the only air cleaning system which can remove and collect tobacco smoke, dust, pollen and even bacteria from the air.

**Pulsair constantly cleanses all of the air throughout its tidal area.** In contrast, fan driven filter type machines can only clean the air that they actually draw through themselves.

## NOT A NEW IDEA

Actually, the negative ion manufacturers didn't think of this great way to clean the air. God did.

If you've ever smelled the sweet country air after a thunderstorm, or near the breaking surf at the beach, you know the invigorating feeling that comes over you.

Pulsair does for a 250 square foot area, what Nature does for the entire countryside. It seems that positive ions

are associated with pollution and negative ions with good fresh natural air.

There are lots of claims that a negative air ionizer will let you think more clearly, sleep better and feel happier.

There's no way to prove or disprove the claims. But, it is safe to say that if all these things come from cleaner, pollution free air, it just may be possible.

A removable, washable filter comes with Pulsair. You just rinse the filter when it gets dirty. And wait till you see just what Pulsair removes from the air before it gets into your lungs.

It is 6" tall. It's made by ISI, an innovator in negative ion technology. And, it's backed by their standard limited warranty.

## A CLEANSING TIDAL WAVE

### RISK FREE

Make the smoke test. Let it wipe out the pollution (like other people's cigarette smoke) in your home or office.

If you don't think you're breathing cleaner fresher air, simply return it in its original box within 30 days for a refund.

To order your Ion Tidal Wave Negative Ion Generator with your credit card risk free, call toll free or send your check for just \$89<sup>99</sup> (\$4 P&H). Order No. 4633.

I can't guarantee that it will help you sleep, solve crime, or improve your sex life. But it's tidal surges will give you cleaner air to breathe, and that's priceless.



**DAK INDUSTRIES INC.**

Call Toll Free For Credit Card Orders Only  
24 Hours A Day 7 Days A Week

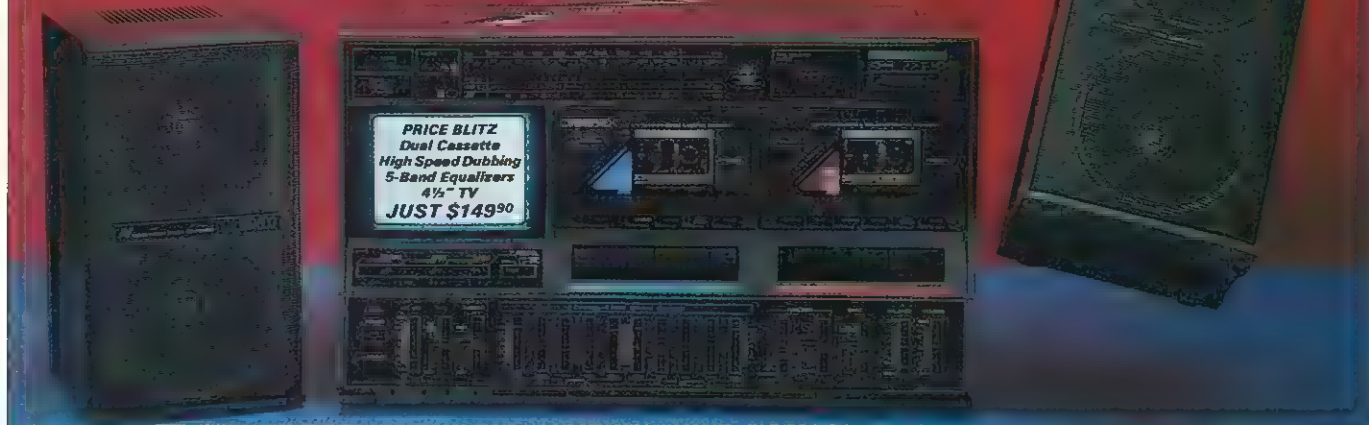
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Technical Information. . . 1-800-272-3200

Any Other Inquiries. . . . . 1-800-423-2866  
8200 Remmet Ave., Canoga Park, CA 91304



# Wandering Minstrel



**Whether you're wandering around the city, in your car, or in your den, this electronic minstrel will entertain you. It has dual high speed dubbing cassette decks, AM and FM Stereo and even a TV. Plus, it has dual 5-band equalizers. Now just \$149<sup>90</sup>. Wow!**

Take it with you. Or stay with it. Either way, you'll have music, sports or news at your fingertips. And, wait till you hear the sound.

With its 5-band equalizers for each channel and dual detachable speakers, you'll really enjoy home sized stereo sound wherever you go, even at home.

Yes, this is one portable that is as at home in your bedroom, dorm room, or office, as it is on your patio. And, wherever you use it, you'll have a room full of great sights and sounds.

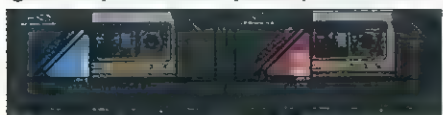
You can listen to your favorite cassettes, or copy them at high speed. You can listen to your favorite FM stereo or AM stations and record what you hear.

And with mike mixing, you can even record yourself. Plus, you can even watch both VHF and UHF TV and listen to the sound through this superb system.

It's the perfect second stereo system plus TV for your children or yourself. And, just wait till you see all that it does.

## HIGH SPEED DUBBING PLUS

You can play a tape in deck '1' and copy it in deck '2'. You can make your copy in real time, or at high speed. It's a great way to increase your tape collection.



If you just want to sit back and listen, these decks feature sequential play. So, after you've played the tape in deck '1', the tape in deck '2' will begin. You'll have twice as much uninterrupted music.

Everything from a tape counter to automatic level control, to a Metal/CrO<sub>2</sub>, Normal Tape Bias Switch is included.

So, for recording, high speed copying or extended listening, you're sure to enjoy these high quality cassette decks.

## HOLD ON RIGHT HERE

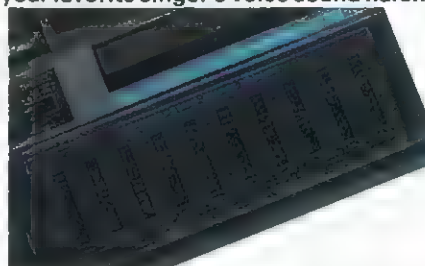
Before I describe the sensitive AM and FM Stereo Tuners and the super sharp TV, let's look at this music center.

Better portables now have equalizers. But this portable has separate equalizer controls for the left channel and separate

equalizer controls for the right channel.

This is typical in home stereos, but I've never seen it with a portable. With these equalizers, you can add thunder to your bass by boosting the 100hz low bass slider up to 10db, while you won't be causing the mid-range to get muddy.

You'll be able to boost the highs at 10,000hz by up to 10db to really make cymbals come alive while you won't make your favorite singer's voice sound harsh.



Gone are the tone controls of cheap portables. Gone are the bass and treble controls of good portables. With an equalizer and the detachable dramatic sounding speaker systems, you'll get really rich vibrant sound.

You can operate this system from AC (included), a 12 volt DC car cord (not included) or D cell batteries (not included). It's a high quality system that you'll enjoy for years. Now, back to the features.

## THE TV

It's unique. Here's a portable that is 26½" wide and only 6¼" deep, that has a built-in super sharp 4½" B&W TV.

Now you can have your choice of programming from one shelf size, easy to carry entertainment center. Check out what's on TV, then switch to your favorite cassette. Or, catch some soft FM music.

The TV receives all VHF channels 2-13 and all UHF channels 14-83. Now it's easy to keep up with the latest ball game.

Use it in the kitchen, in the garage, in the laundry, in your camper or on the road.

## FM AND AM TOO

Wait till you hear the quality of the reception of these tuners. Because of the built-in TV, you'll find improved reception on FM too.

So, when you tune in your favorite stereo station, don't expect hiss and wandering. With this superb unit, the only wandering it will do is with you.

The AM tuner is typical of any portable. Of course, with the great sounding speakers and equalizer, it sounds better.

## PUT IT ALL TOGETHER

Unless you've taken a vow of silence, this unit is an ideal addition to your life. You can copy friends' tapes, you can listen to cassettes, and you can listen to powerful AM or FM stereo.

And, don't forget the TV to entertain and inform you. It's quite a buy for just \$149<sup>90</sup>. Wow! It's made by Cyberex and backed by their limited warranty.

## TV/CASSETTES/AM/FM STEREO RISK FREE

Watch the TV. Listen to the TV sound. Most 19" TVs only have a 3" speaker. Put this system on top of your TV and compare the sound.

Then listen to your favorite cassettes. Then start at one end of the FM dial and tune in each station, one by one, across the dial. If you're not 100% thrilled and ready to pay twice DAK's \$149<sup>90</sup> price, simply return it to DAK in its original box within 30 days for a courteous refund.

To order your Portable or Home AM, FM Stereo TV Entertainment system with twin 5-band equalizers and 3-way power capability risk free with your credit card, call toll free, or send your check for DAK's breakthrough price of just \$149<sup>90</sup> (\$8 P&H) Ord. No. 4636. CA res add tax.

Well, it's not a 25" TV and \$1000 stereo system. But, you'd have a heck of a time fitting them into a bedroom or carrying them around as you 'wander'.

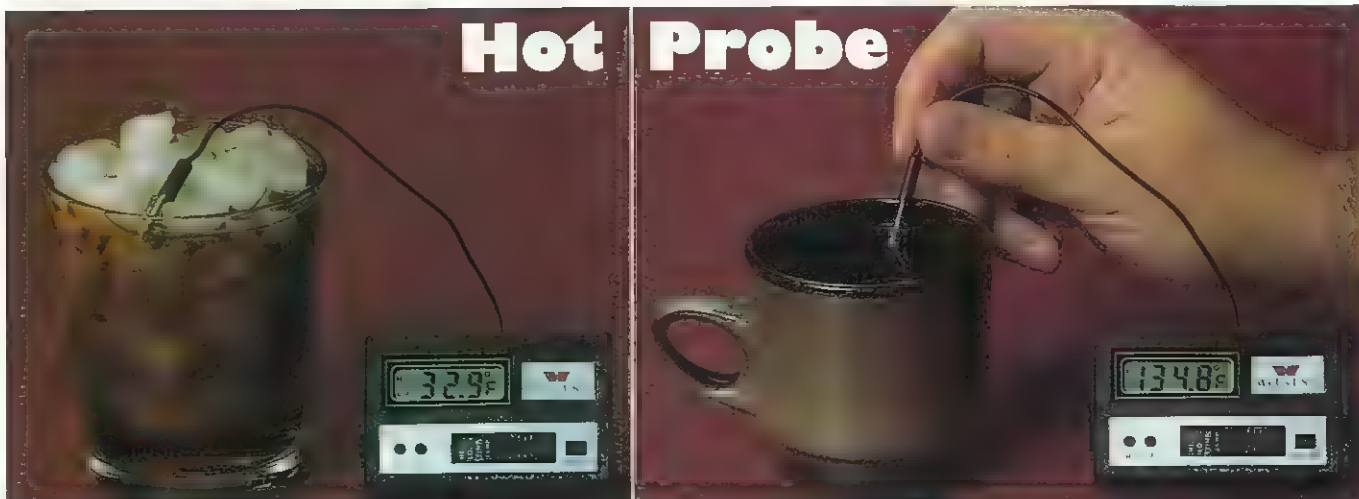
It's a great sounding second system that supplies you with lots of entertainment options in lots of places.

**DAK INDUSTRIES**  
Call Toll Free For Credit Card Orders Only  
24 Hours A Day 7 Days A Week  
**1-800-325-0800**

For Toll Free Information, Call 6AM-5PM Monday-Friday PST  
Technical Information. . . . 1-800-272-3200  
Any Other Inquiries. . . . 1-800-423-2866  
8200 Remmet Ave., Canoga Park, CA 91304



## Hot Probe



**Now you can test your air conditioner, your hot water heater, your wine or your pool. Here's the latest in temperature measuring devices, at a breakthrough price. Plus, you can even set temperature alarms.**

Does the air conditioner in your car need Freon™? Is your refrigerator set for the right temperature? And, just how hot is your hot water?

Now, with the all new Hot Probe Temperature Sensor from Willas, you can check the temperature of virtually anything from your Jacuzzi, to your aquarium, to your attic, in 1/10 degree increments.

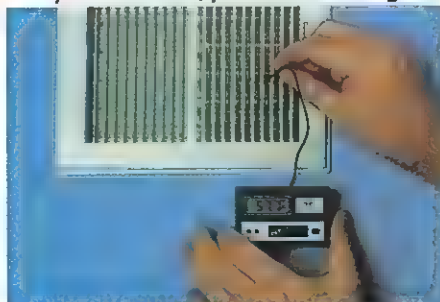
You can measure anything from 0°F to 160°F. The Hot Probe has an attached probe that stretches out to 10". Plus, it has an internal sensor to measure the ambient (surrounding) air temperature.

Now you can measure the temperature drop of your car or home air conditioners. (That's the difference between the room air temperature and the temperature of the air coming out of the duct that's measured by the probe. See picture.)

The extra large LCD display is exceptionally clear. And, because it never shuts

off, it's the perfect room air temperature sensor for your desk or night stand.

If you're like me, you'll be checking the



temperature of everything from your coffee to your bath. When I measured the output air from my typesetter that I use to make this ad, I found it was 107°F.

It's not supposed to be above 90°, so I installed a fan. The Hot Probe might

have just saved me a bundle of money.

### TEMPERATURE ALARMS

Because of the experience with my computer, I got the manufacturer of the Hot Probe to add temperature alarms. You can set alarms to sound if the temperature rises above or drops below any temperatures you have selected.

It operates on one AAA battery (not included) and it's backed by Willas's limited warranty.

### TRY THE HOT PROBE RISK FREE

If you're not 100% satisfied, simply return it within 30 days in its original box for a refund. To order your Hot Probe Sensor risk free with your credit card, call toll free, or send your check for only \$29 (\$3 P&H) Order No 4330.

You may not save an expensive computer like I did, but if your air conditioner is low on Freon™, you might just save your compressor. It's a neat device.

## Audio Telescope

**Pick a voice out of a crowd or a sparrow's song out of a tree with this super-directional shotgun microphone**



It's tough. If you've ever tried to record a singer while you're sitting in the audience, or a conversation from across the yard, you know that your microphone seems to pick up everything but what you want to record.

Now you can record a lecture from the back of the room or a bird's chirp from across a field.

The sound will be crystal clear with a wide full frequency response from this incredible super-directional electret condenser microphone.

Electret condenser microphones cap-

ture sounds never before possible outside the recording studio. By using battery driven circuits, these microphones can use a more sensitive sensing membrane to capture sound vibrations.

Very little mass must be moved, so these new mikes are incredibly sensitive. The Audio Telescope is powered by one AA battery (not included).

It comes with both a conventional mike stand mount and a stand. And, it's great for video recording.

The microphone itself is totally isolated from the stand by polymer O-rings.

So, it actually floats. It will not pick up motor noises or vibrations.

It is 17" long and comes with a full length foam wind screen. There is a mini phone plug for video camera use, plus a 20 foot mike cable with both mini and 1/4" plugs for conventional professional recording. It's backed by a manufacturer's standard limited warranty.

### TRY THE AUDIO TELESCOPE RISK FREE

Record lectures, concerts or nature, risk free. If you don't feel you've made totally professional recordings, simply return the Audio Telescope in its original box within 30 days for a refund.

To order your Audio Telescope risk free with your credit card, call toll free or send your check for only \$69<sup>99</sup> plus \$4 for postage and handling. Order No. 9736.

You'll be able to make superb recordings that were never before possible.



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# The Observers

*At the office or at home, you can scrutinize up to 4 separate areas with both picture and sound. New technology allows a single cable to both power a camera and carry the audio and video signals. There's even an automatic switcher for up to 4 cameras. It's all yours at an amazing new price.*

By Drew Kaplan

It does it all. And, it's absolutely terrific. You can monitor loading docks or swimming pools. You can watch for pilferage, shoplifting or accidents.

And, there's even an output for a video recorder so you can make a permanent record. Now you can see who comes and goes. And, you'll see **what they do**.

The system comes with a 12" video monitor, a sequential switching system that allows you to view up to 4 cameras from 4 to 60 seconds each, a camera complete with microphone, and an infinitely adjustable mounting arm.

You'll also get 57 feet of cable and you can add up to 300'. You can even add a weather resistant case for outside use.

## LOOK AT ALL IT DOES

The technological breakthrough that allows you to make a single wire installation lets you have **sound and picture** monitoring of all types of areas.

**Risk areas:** Monitor secluded side doors, corridors, equipment yards, tool cribs and other storage areas.

**Hazardous areas:** Prevent accidents or get help for one fast. You can see when people do unsafe things.

**Supervision:** You can't be everywhere at once. Now you can see who comes and goes. Monitor an entire night crew if you're on the premises, or have an 8 hour tape you can view in about 1 1/4 hours using high speed search on your VCR.

**Retail Protection:** Don't leave your employees alone in your store or in your parking lot or structure. Now the manager can be there to assist. And, you can have a recorded audio and video record.

**Theft:** From shoplifting to employee theft to vandalism, anonymity is the culprit's protection. With observation cameras, no one knows when they are being watched or when a recording is being made. It's a safety feature to protect employees from danger and to protect the company from all sorts of crime.



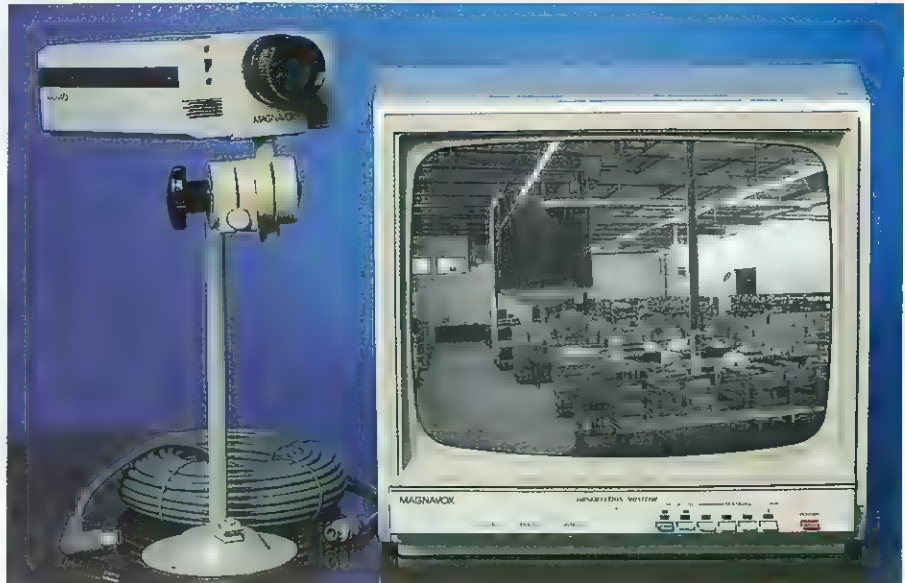
## NOT JUST FOR WORK

You can monitor your front door, your back yard and your pool. You can even monitor the animals in your barn or your baby in the bedroom. So, if you raise animals or children, you can always keep an eye on their safety.

And what a secure feeling for teachers, to be able to see the children on the yard at a nursery school. It's a perfect 'parent group' gift to your school or church.

**Always check local laws which may restrict some types of observation.**

## EFFORTLESS INSTALLATION



From 3 lux to 30,000 lux, you can watch what's happening with this superb new system. You'll be amazed at how sensitive it is at low light levels.

And, whatever you monitor, you'll have a superbly detailed high contrast picture.

While I wrote this ad, I had a camera aimed out the window. As it got dark, I couldn't see down the street. But the camera's automatic sensitivity adjusted, so I could see the street on the monitor almost as well as I had in the afternoon.

And best of all, the cameras are incredibly easy to install. You don't even need AC plugs where you mount them.

And, the infinitely adjustable mounting arms attach with only 3 screws to floors, walls or ceilings.

Switch on the monitor and press a camera button. All power for the entire system comes from the monitor/switcher.

You can have one or all 4 cameras connected. And, connecting the cameras is the simplest thing of all.

This system uses standard round coax type cable, just like your home's cable TV system. Through this standard cable, Magnavox sends power for the cameras.

And, the camera sends both **audio and video** signals back down the very same cable. So, installation consists of simply running one standard video cable.

The monitor has a built-in electronic switcher. Most automatic switchers that I've seen in surveillance, cost hundreds of dollars. With Magnavox it's included.

You set it to lock onto any camera for a minimum of 4 seconds and a maximum of 60 seconds, or pick one camera.



The signal (both audio and video) from all cameras being viewed can always be sent to your VCR for a permanent record.

**And there's more.** By simply running a standard video cable, you can also watch the output of the monitor on other

TVs in other rooms.

## ENDLESS USES

Think of the feeling of safety you'll have when you can monitor both the front and back of your home from the kitchen or the bedroom, or both.

The monitor is 12" wide, 11 1/2" tall by 12 1/2" deep. Each camera is just 9" deep, 4.5" wide and 2 1/2" tall and weighs 2 1/2 lbs. It's made by Magnavox and backed by their standard limited warranty.

## OBSERVE YOUR WORLD

### RISK FREE

Use it to protect your business or home, your employees, your family and your possessions. If you're not 100% satisfied, simply return it in its original box within 30 days for a courteous refund.

To order Magnavox's Observation System, complete with 12" Monochrome Monitor, 4 Station Electronic Automated Switcher, Black and White Camera, 57' of Cable, and Infinitely Adjustable Mounting Arm risk free with your credit card, call toll free, or send your check for only **\$299** (\$11 P&H). Order No. 4415.

Each Extra Camera with Built-in Microphone, 57' Cable and Mounting Arm is just **\$169** (\$4 P&H). Order No. 4549.

Weather Resistant Cases are just **\$39<sup>00</sup>** (\$3 P&H). Order No. 4550. CA add tax.

57' extension cables are just **\$19<sup>00</sup>** (\$2 P&H) Order No. 4551. **Note: a pair of cable ends is included, so you can make your own cable, up to 300'.**

You'll have a new sense of security when you can see and hear what's happening. And, by connecting a video recorder, you can have a permanent record of the comings, goings and actions of everyone on your property.



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# Patio Blasters

**Now you can have dramatic stereo sound outside. These weatherized two-way speaker systems are at home in rain, sleet or snow. So, forget the weather. Take the full dramatic sound of your own stereo system outside.**

It's a problem. You've got a great sounding stereo system inside. But, if you take your speakers outside, they're sure to be ruined by rain, sleet or snow.

Well, no more. Now Art Audio has designed a super new 2-way speaker system that's at home just about anywhere, except maybe at the bottom of your pool.

## GREAT SOUND

The system enclosures are made of diecast aluminum. And, they are the latest air tight type. 18 screws, each actually screwed into threaded holes, make this vault-like enclosure secure against the elements, (including being stepped on by a large elephant).

Inside, there's an actual wire wound crossover network that feeds the lows to the woofer and the highs to the tweeter.

And speaking of the speakers, there is a woofer that you simply won't believe.

It only measures 4", but it has a magnet structure easily equal to an 8" speaker, and frankly, it sounds like one.

The acoustic suspension woofer is made of polypropylene which won't be affected by the elements. And, polypropylene is used in fine speaker systems for super accurate reproduction.

The tweeter is made of mylar for super accurate sound and a total disregard for the ravages of the elements.

## INSTALLATION

These speakers come with easy-mount brackets. Just screw in the three wood screws to your house (included). And, attach the speakers to the brackets with the thumb screws (included).



It's best to mount the speakers under an overhang or under the eaves of your home. But, short of 'dunking' them in water, they are fully weatherized. Even the grills are protective metal.

## TRY PATIO BLASTERS RISK FREE

Wait till you hear the sound. You'll be amazed at the depth of the bass and the clarity of the highs in your own patio.

If you're not 100% satisfied, simply

return them to DAK within 30 days in their original boxes for a refund.

To order your Patio Blasters risk free with your credit card, call toll free, or send your check for just \$49 (\$4 P&H) for each speaker. (You'll need two for stereo). Order Number 9820.

Take your favorite music outside with great fidelity no matter what the time of year or what the weather is like.

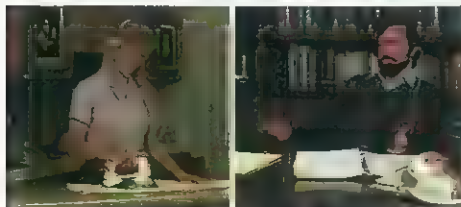
# Numb Ear Miracle

**Now you can say good-bye to numb ears and tired shoulders. Here's a telephone headset, with fully adjustable volume, that will set your hands free. And, it instantly plugs into your home or office phone.**

It's terrific. If you spend hours on the phone like I do, you're probably all too familiar with the 'numb ear syndrome'.

Well, here's a headset that simply plugs into your phone's own plug, without installation. It can be plugged in and unplugged in seconds, and since it doesn't fit 'in' your ear, you can just slip it on and off at will.

In the past, only people who sat at their desks all day would bother with headsets. But, with the all new amplified headset from ACS, you'll use it even for short calls.



## HERE'S HOW IT WORKS

The system consists of an amplifier (in the little box) with a full range volume control. So, you can set the volume to any comfortable level, even if there is noise around you or if you don't hear too well.

The headset only covers one ear so you don't lose touch with the world around you. It's the latest type with a comfortable foam cushion that rests on the outside of your ear, for hours of fatigue free conversation.

The microphone is positioned near your mouth for flawless reproduction that sounds just like a regular phone. There's a 7 foot cord that gives you plenty of room to roam.

If you look at the handset of your phone, either at home or at the office, you'll see a small modular plug. It's about 25% smaller than the modular plugs that go in the wall.



Just unplug it from the handset, plug it into the ACS amplifier and start talking. It's backed by a standard limited warranty.

## FORGET NUMB EARS RISK FREE

It's incredibly comfortable. It will end numb ears forever and it will free your hands. If you're not 100% satisfied, return it within 30 days in its original box for a refund.

To order your Numb Ear Miracle Hands Free Telephone Headset risk free with your credit card, call toll free, or send your check not for the \$99 you'll see others selling for, but for just \$49 (\$3 P&H) Order No. 9771.

I like having my hands free, but most of all, I like the way my ear feels, or doesn't feel, at the end of the day.



It's so easy to use that you'll take it from home to work -- you'll never have to use a regular telephone handset again. Now you can let your ears be comfortable and your hands be free with the all new telephone headset from ACS, the company that supplies the headsets used by the astronauts on the Space Shuttle.



# People Finders

*If you have trouble keeping track of your secretary, your boss, your foreman or your children, let Maxon's Industrial People Finder System let you talk to them, up to 1/2 mile away.*

By Drew Kaplan

I can never find my secretary. My children always seem to vanish just about dinner time. And yes, I never seem to be at my desk when a call comes in.

Well, now Maxon's new 5 channel (all included) 49Mhz industrial dual conversion superheterodyne People Finder lets us all keep in touch.

There are two conventional belt clip beeper style communicators which not only let you be beeped, they give you full two-way communication.

There's also a base station (the only piece that plugs in) for your secretary's desk or the kitchen sink. Since there are 5 separate channels, up to 5 totally separate systems can be in use at once.

Or, one desk unit can 'Page' and talk to any of the 5 channels. You can also talk between portable units when they are switched to the same channel.

So, if you are channel 2 and your foreman is Channel 4, just switch to 4 if you want to talk to him. It's really easy and you can mix and match this system to meet your needs.

And speaking of needs. If you need hands free communication, there's even a 5 channel headset model (only one ear is covered for safety), which is great for forklifts and truck drivers.

Now they can be maneuvered without yelling and contorted hand signals. Anything that requires hands free communication is now possible.

## AT HOME

This system is simply a lifesaver at home. Besides the obvious safety feature of being able to locate your children, you're never out of touch when you're working 'the back forty' or walking the dog around the block.

While you really may not need 5 channels at home, the rugged industrial dependability of these units makes them ideal for setting up antennas and summoning help when you're working on a project. Or, even be summoned yourself when you get a phone call.

Of course, my kids don't care much about security. They think Maxon's system makes great Walkie Talkies. But, when the call goes out, "Earth to the boys. Dinner is ready", they do show up.

## AT THE OFFICE

It's true. It seems that whenever I buzz my assistant, she's not at her desk. I've threatened to tie a bell to her. But now I just touch a button, and no matter where she is in our 64,000 square foot facility, I'm in contact.

We have a PA system too. But first, a PA system is only one-way communication and she has to go looking for a phone to answer a simple question.

Second, we have 3 separate PA systems, and if I knew where she was, I probably wouldn't have to page her in the first place. And third, I guess I'm shy about constantly paging her.

So no matter whom you need to communicate with in your office or in your factory, this 5 channel system will give you full 2-way communication.

## AT PLAY



If you hunt, fish or ski, you can now have clear clean communication with your partner(s). It can even be used for neighborhood watch security. Now you can have house to house wireless communication, wherever you are.

So, for whatever reason you need to communicate, this system will be on your desk, at your side, or on your ear.



## HOW IT WORKS

This system is no toy. When you touch the Talk button on any of the units you engage a virtually noise free quartz crystal locked dual conversion superheterodyne communications circuit that operates on the 49Mhz band.

With its FM modulation, it won't sound like a CB or an AM radio. You'll speak and hear with great power and clarity. And, you shouldn't be bothered by any other radio transmissions as you are with CBs and Walkie Talkies.

The transmission output is a full RF of 10,000uV/m @ 3 meters max. No FCC license is required.

All units are totally interchangeable, sound identical and will both transmit to and receive from each other. They are industrial units made by Maxon, a pioneer in professional 2-way equipment. They're backed by their standard limited warranty.

## FIND YOUR PEOPLE RISK FREE

You'll find you have the convenience of a beeper but with full two-way communication capability.

With the range of up to 1/2 mile, you should be able to keep track of anyone in your office, factory, construction site or neighborhood. If you're not 100% satisfied, simply return it in its original box(es) for a courteous refund.

To order a Maxon Industrial People Finder Communications System to fit your needs, call toll free or send your check for the models listed below.

A Base, complete with 5 channels, powered by AC is just \$69<sup>90</sup> plus (\$3 P&H) Order No. 4530.

A Hand Held Communicator with 5 channels, powered by 4 AA batteries is just \$49<sup>90</sup> plus (\$3 P&H). Order No. 4531.

A Headset Communicator with 5 channels, powered by 4 AA batteries that has VOX (Voice Activation so your hands can be free) is just \$49<sup>90</sup> plus (\$3 P&H). Order No. 4532.

A Hand Held One Channel Communicator (It has the same sound quality), powered by a single 9V battery is just \$29<sup>90</sup> plus (\$2 P&H). Use Order No. 4533 for Channel 1, Order No. 4534 for Channel 2, and 4535 for Channel 3.

Any Communicator on the same channel can communicate with any other. Base Stations are not required. Use where AC or desk use is desired. At least 2 communicators of any type are required.

Now you can go where you want, and still be in communication. Now you won't have to yell for your children, your secretary or your forklift driver. Forget paging and beeping. Now you can communicate from up to a 1/2 mile away.



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# Remote Control Blowout

## Command Consoles, Modules & Computer Interfaces

*Burglars will think you've got a family of 10 at home when you're out. And, you'll feel like you've got a butler, 2 maids and a security guard when you're home. And now, for just \$19<sup>90</sup> you can interface your computer.*

By Drew Kaplan

It's late at night. You're in bed. The lights are romantically low. The stereo that is playing in the background, as well as your lights, will be automatically turned off after you're asleep.

As you peacefully drift off, you'll be secure in the knowledge that to a burglar on the prowl, your family still appears to be moving about.

### CHEAP THRILLS

Romantic lighting, burglar deterrents and energy saving controls, are just the beginning of this remarkable, installation free, remote control system.

Now you can remotely turn on, off and dim your lights, thwart burglars, and even turn the lights on or off in an unattached garage or barn.

It's exciting. Just imagine effortlessly retrofitting your home for remote control without running a single wire.

From my own nightstand, I can dim the lights in the bedroom, turn off my son's TV and turn on our outside security lights or all the controlled lights in the house. Wow!

This instant remote control system simply plugs-in in seconds and consists of inexpensive space age control modules and command centers.

It actually uses your existing house or office wiring. And if you can plug in a lamp, you can plug-in this system.



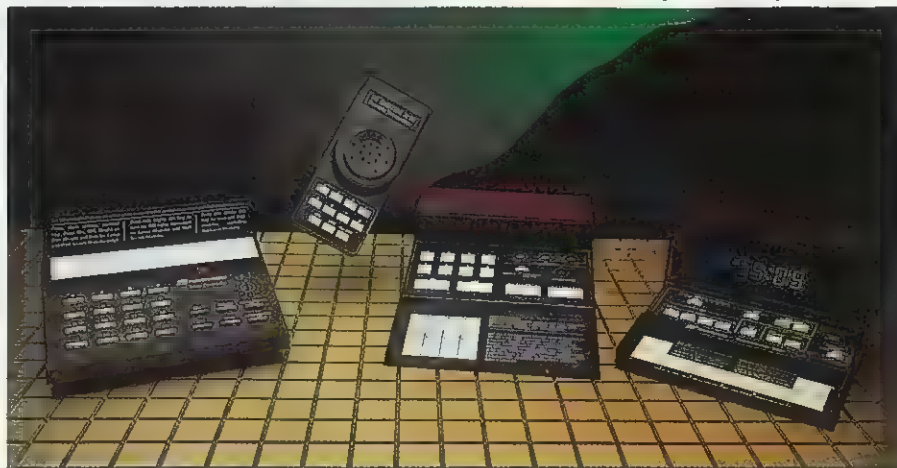
### THE COMMAND CONSOLE

Imagine that you're watching TV. You can dim the lights from your easy chair. If you hear a noise, touch a button and your outside flood lights jump to life.

It's all easy when you have this top of the line Command Console, shown above, sitting next to you. It can let you control up to 16 different lights and appliances.

You can turn each on or off. You can dim or brighten lights. And look at this. You can turn all your controlled lights on or off for instant security with the 'All On' and 'All Off' buttons on the console.

You can even move it from room to room because its total installation consists of simply plugging it in. Or, at DAK's



super low price, you can put Command Consoles in as many rooms as you wish.

No matter where a Command Console is, you can control lights, fans, TVs, and stereos anywhere in or around your home.

### HERE'S HOW IT WORKS

As you push each button on the command console, a powerful but silent, encoded signal is sent down its AC cord into your home or office wiring.

This safe, silent encoded signal, travels throughout your electrical system. And, it won't disturb your TV or your FM.

It can even reach your unattached garages, barns, sheds and even your pool light, porch lights and yard lights.

Wherever you want to control a light or appliance, all you have to do is plug-in one of the system's controller modules.

Each module has a rotary dial numbered from 1 to 16. Just dial in a number to match one of the 16 number buttons.

Then, just plug the module into the wall and the lamp or appliance into the module for instant remote control.

**Important note:** You will still have local control of all your lights and appliances by just using their normal switches, even though they are plugged into modules.

Each module actually senses when you turn the controlled unit's switch and automatically relinquishes control.



There are separate modules for lamps that have full range dimming capability from 0% to 100%, and handle up to 300 watts. There are appliance modules that have no dimming but can handle up to 500 watts, or 1/3hp motors.

And, there are even light switch modules that have both full dimming and 500 watt capability which you can install instead of your present wall switches.

You can move the modules from place

to place or change their code numbers in seconds. And of course, if you move, your system goes with you.

### THE TIMER

This sophisticated electronic brain can perform 32 tasks. Just plug it in and you're in operation.

Select the module number you want to control, then decide if you want the controlled device to come on or off.

If you only want something to happen once, just push the 'Once' button.

There is a 'Daily' button that lets what you've programmed occur every day.

There's a 'Security' button. You can program lights and radios to give your house a lived-in look when you're away.

With The Timer, you can set your window air conditioning to come on an hour before you return from work.

Or, you can have your porch lights come on so you'll never enter a dark house. You can set your hall light to come on at 11PM and off at 6AM. And you can have your electric blanket shut off at 7AM and come back on at 10PM.

### TELEPHONE CONTROL TOO

You can even phone home and control anything. Just plug it into both your AC line and any modular phone jack in your home or office.

Then just call your regular phone number, hold up its 'beeper controller', give your 3 digit code that you set yourself, and start controlling.

You can call home and turn on your lights before you leave work or before you leave a midnight party. It's a great security device.

### SOME NEAT IDEAS

You'll find the system changes and bends to meet your exact needs. You can set several modules to the same number so that the front and rear lights can come on together.

Or, you can set all the lamps in a room to come on and even dim together.

You're sure to want a module in your dining room. Eating by subdued light is a real pleasure. And it's important to remember that not only do you get full remote control, you get 0% to 100% brightness control of your lights.

It's like getting free dimmers thrown

...Next Page Please





...X10 Continued in with your remote control system. So, for bedside lamps, swag lamps, ceiling lights, track lights and garage lights, you'll be in full command.

And, you'll automate your fans, coffee-maker, humidifiers, and crock-pots.

With a little imagination, you can adapt other electronic devices that will let you water plants, control green houses, and of course, make use of audio cassette decks with 'timer ready' switches.

And, if you own a second home, now you can activate pipe heaters if there's an early frost, or 'switch on' the house so it's warm or cool and lit when you arrive.

#### QUITE A SYSTEM

As you get into bed tonight, think about what you'd do if you heard a noise outside or downstairs. Just push a button.

Think about how nice dimmed lights would be in your bedroom or living room. If you're at all like me, you'll love all the 'plug-in' things you can do with X10.

#### 19<sup>90</sup> COMPUTER CONTROL TOO

It's amazing. Look at your computer screen. Pick a lamp anywhere in your home and touch a button. Both the lamp on the screen and the 'real' lamp will jump to life. And, it's yours for just \$19<sup>90</sup>.

You can choose 10% to 100% intensity. And, not only can you turn anything you choose 'on' or 'off' right now, you can program the device to come 'on' or turn 'off' multiple times today, tomorrow, or any day(s) you wish during the week. **USE YOUR COMPUTER-DON'T LOSE IT**

What's really neat is that you can operate the system directly from your computer, but you store all your programmed instructions in X10's 80C48 microprocessor based Control Center.

And look at this. The Control Center instantly connects and disconnects from your computer without tying it up.

The control center has battery back up (9V battery not included), and you can back up all your stored commands on the copyable X10 master disk.

So, not only is your programming protected, but you can store summer, winter, and vacation schedules on disk.

In fact, although the included software supports at least 95 devices (minimum, depending upon which computer you own), you'll have access to 256 command capabilities. So, you can program anything you like. **Imagine all the excit-**

**ing things you can program your computer to do. Wow!**

#### FULLY COMPATIBLE

DAK has over 70,000 customers with X10 systems. The standard modules that you already own are 100% compatible. So, for \$19<sup>90</sup>, how can you go wrong?

How is it done? Well, your computer tells the Command Center what you want done. The Command Center then sends a silent encoded signal throughout your home's electrical system.

If it says, "Number 7 module turn on to 40%", only number 7 will respond. Of course, groups of modules can be controlled and you can assign several lights, such as outside flood lights, to the same number. It's all easy. It's all flexible.

#### BACK TO THE ACTION

OK, you're sitting at your Commodore or Apple IIE or IIC Computer. You'll see pictures of a variety of rooms. Just tell your computer what types of devices you'd like to control.



Whenever you would like to place a lamp or appliance, just choose one from a screen like the one shown above. These pictures, or ICONS as they are called in computerese, will appear. **There are many types of devices to choose from.**

If you were at your IBM PC you'd see text. (You can even control your whole office or factory.) If you were at your Macintosh, you can draw your own rooms, even using Macpaint. Wow!

So, with Command Consoles or with your computer, or with both, you'll have control never before possible of electrical devices in your home or office.

Wait till you feel the power of your computer surging through your home. A security mode can make your lights come on and off at random times for security. You can even manually control 8 devices

## \$19<sup>90</sup> BLOWOUT

Computer Interfaces were originally \$129 for:

● IBM ● MACINTOSH  
● APPLE ● COMMODORE



from the Console itself.

All Command Consoles, Modules and Computer Interfaces are backed by X10's standard limited warranty.

#### FINAL CLOSE-OUT RISK FREE

It's simply thrilling to use. It's security. It's convenience. And, it's fun.

If you aren't 100% satisfied, simply return any component to DAK in its original box within 30 days for a refund.

To order **Any Combination** of Command Consoles, Modules and Computer interfaces call toll free, or send your check for the amounts shown below.

**Order any combination of Command Consoles and modules you desire.**

1) **The Control Console**-Lets you control up to 16 different modules. On/off/dim/all on/all off. Just \$19<sup>90</sup> (\$2 P&H). Order No. 4622.

2) **32 Event Clock Timer**-Lets you control 8 modules with up to 2 on and 2 off commands to each. Also acts as a command base plus sleep and security extras. Just \$26<sup>90</sup> (\$2 P&H). Or. No. 9777.

3) **Telephone Responder**-Phone home and control 8 devices. It's also a base. It's just \$39<sup>90</sup> (\$3 P&H). Order No. 9778.

4) **Lamp Module**-Controls/Dims lamps up to 300 watts plugged into walls. Just \$11<sup>90</sup> (\$1 P&H). Order No. 9779.

5) **Wall Switch Module**-Controls/Dims lights now controlled by wall switches. 500 watt capacity. Just replace your wall switch with this automated module. Just \$12<sup>90</sup> (\$1 P&H). Order No. 9780.

6) **Appliance Module**-Control stereos, TVs, or anything with motors. 15 amps, 500 watts, 1/3hp rating. Just \$11<sup>90</sup> (\$1 P&H). Order No. 9781.

An X10 Computer Home Controller complete with Appropriate Software Disk and Cable is just \$19<sup>90</sup> (4 P&H).

7) **For your Commodore 64 or 128**, it simply plugs in. Use Order No. 4378.

8) **For your Apple IIE or IIC**, use Order No. 4379. **Note:** For the Apple IIE only (the IIC has one built-in), you'll need a serial interface (same as for a modem). It's just \$79 (\$2 P&H). Order No. 4380.

9) **Most IBM PCs & Clones** have a serial port, so X10 should simply plug in. Use Order No. 4410.

10) **For your Macintosh**, the X10 simply plugs in. Use Order No. 4411.

Commodore, Commodore 64 & 128 and Apple, Apple IIE, IIC, Macintosh & Macpaint, IBM & IBM PC are registered trademarks of Commodore Electronics Ltd and Apple Computer and International Business Machines.



# Stereo Phone Plus?

*It has two channels. It has a great sounding speaker. And like a jukebox, simply touch its buttons to choose any one of your 20 favorite selections. Get two channels for \$69<sup>90</sup>, or a single channel unit for \$59<sup>90</sup>.*

By Drew Kaplan

It doesn't play music. But it does have two channels, two ways of speaking and two ways for you to listen.

This two-line telephone system has an AC powered speakerphone that almost can be called HiFi. And, it remembers 20 of your most frequently dialed numbers.

**Note:** The identical phone is also available without the two-line features.

## TWO-LINE CONVENIENCE

Just press the Line 1 or Line 2 button and your choice of lines is selected. LEDs display which line you are using, which line is ringing, and if the Speakerphone or the Mute functions are in use.

And there's 'Hold', so you can put someone 'On Hold', hang up this phone and continue your conversation from any other phone in your home or office.

When either line is 'On Hold', its 'In Use' LED blinks to remind you that it is 'On Hold'. The 'In Use' LEDs also light whenever any extension is in use, so you don't accidentally interrupt a conversation in progress.

**Look what you can do.** While you are talking on one line, you might want to add a third person to your conversation.

You can put whichever line you are using on hold, and use the other line to call out or answer a call. Then just push 'Conference' to join both calls.

It's easy. And, group conversations can be productive for work. And, they are a lot of fun with friends and family.

## ELEPHANT BRAIN

Just touch the name of the person you want to call. Each of the 20 name positions at the top of the phone is actually a quick one-touch dialing membrane.

And, one touch is all it takes with no numbers for you to remember. So, you won't have to remember that 'Mom' is button 16. Just push the button that says 'Mom'. It's incredibly easy.

One of the buttons is a Long Distance Service Button to store your MCI or Sprint Code. Just push it, then push any memory button or manually dial a number, for fast, effortless discount calling.

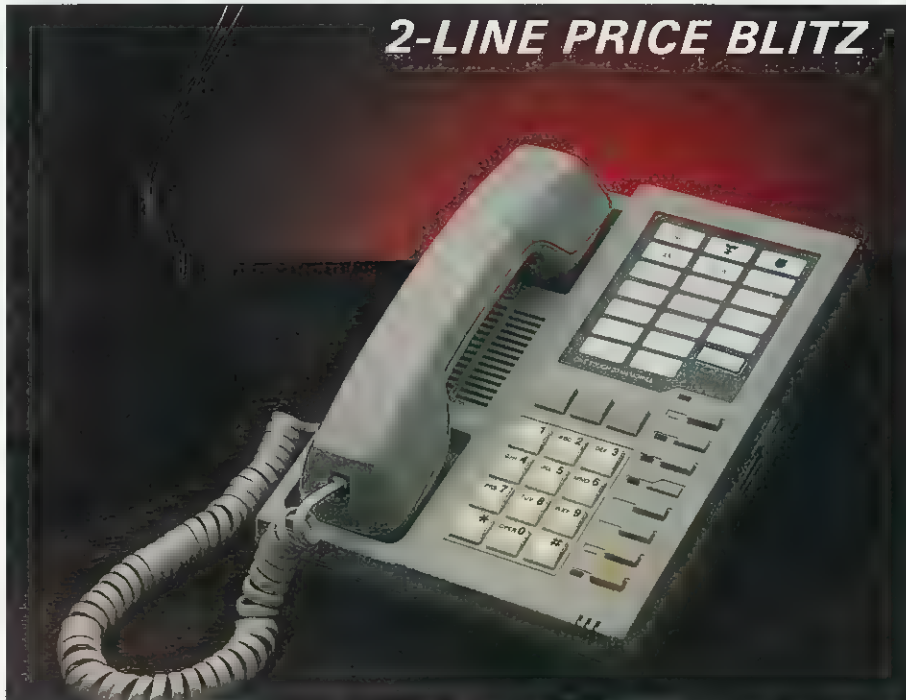
Discount services are great, but who needs to remember complicated numbers.

Now, save money with a single button. But, it's more than money. The next time you are dialing a discount service manually and you make a mistake around the 14th digit, think how nice it would be to have this automatic dialing phone.

You'll also have Last Number Redial Memory in both tone and pulse. So forget manually dialing busy numbers over and over again.

Each memory location will hold up to 16 digits. You may insert pauses for switchboards and discount services, and

## 2-LINE PRICE BLITZ



you may change stored numbers at any time. Plus, 3 AAA batteries (not included) activate the phone's memory backup system. An LED shows battery condition.

## FISH IN A BARREL

Imagine walking around the room or sitting at your desk with your hands totally free while you talk on the phone.

And, with this speakerphone, anyone else in the room can join in too. You'll be heard loud and clear whether you are nearby or across the room.

This speakerphone uses a new, lighting fast auto-simplex (half-duplex) design. You won't get the hollow barrel sound and squeal, because the mike actually overrides the speaker.

You won't even notice it. All you and the person with whom you are talking will hear, is clear, echo free conversation.

## AND MUCH MORE

The real claim to fame of this phone is its marriage of Phone Company fit and feel with super convenience features.

And, just look at the extra features. There are two distinctly different sounding electronic ringers.

So, you'll always know which line is ringing without having to look at the 'In Use' LEDs. Of course, the 'In Use' LEDs also light so that you can see which button to push in the dark.

Each line's ringer also has its own independent Hi, Lo, and Off setting.

If you only wish to receive calls on one line (like a private line) and ignore the other line, a simple touch of a switch will put you in control of your incoming calls.

There's a top mounted Tone/Pulse switch so you can easily use discount services even in Pulse areas.

The phone may be desk or wall mounted and there's an AC adaptor included for great speakerphone performance.

## THOUGHTFUL INSTALLATION

There are two standard modular jacks

on the back of this phone. One can be used for both Lines 1 and 2 if you have a 2-Line modular jack in your wall.

The second jack is only used if you have two separate modular jacks for your phones now. So, as long as you have jacks, this phone plugs in.

It's made and backed by Unitech, the stereo people, which explains this ad's title and why the sound is so good.

## TWO CHANNELS, TWO LINES RISK FREE

Wait till you hear the sound. Wait till you feel the K style handset against your ear or cradled on your shoulder.

Talk on the speakerphone. Touch a one-touch dialing pad. Then make a conference call and really use your two lines.

If you're not 100% satisfied with the feel, the automation or the sound quality, simply return it in its original box within 30 days for a courteous refund.

To order your Unitech 2-Line Speakerphone with 20 number Memory including Long Distance Memory, Redial, Hold, and more, risk free with your credit card, call toll free, or send a check for DAK's earthshaking price of just \$69<sup>90</sup> (\$4 P&H). Order No. 4634. CA res add tax.

If you'd like the exact phone without the two-line features, it's yours for just \$59<sup>90</sup> (\$4 P&H). Order No. 4635.

Dial a number on either line with just the touch of a Memory Button. Dial without ever lifting the receiver. And talk while you move around the room. It's a great sounding, great looking, automated communication tool.



**DAK INDUSTRIES INC.**

Call Toll Free For Credit Card Orders Only

24 Hours A Day 7 Days A Week

**1-800-325-0800**

For Toll Free Information, Call 6AM-5PM Monday-Friday PST

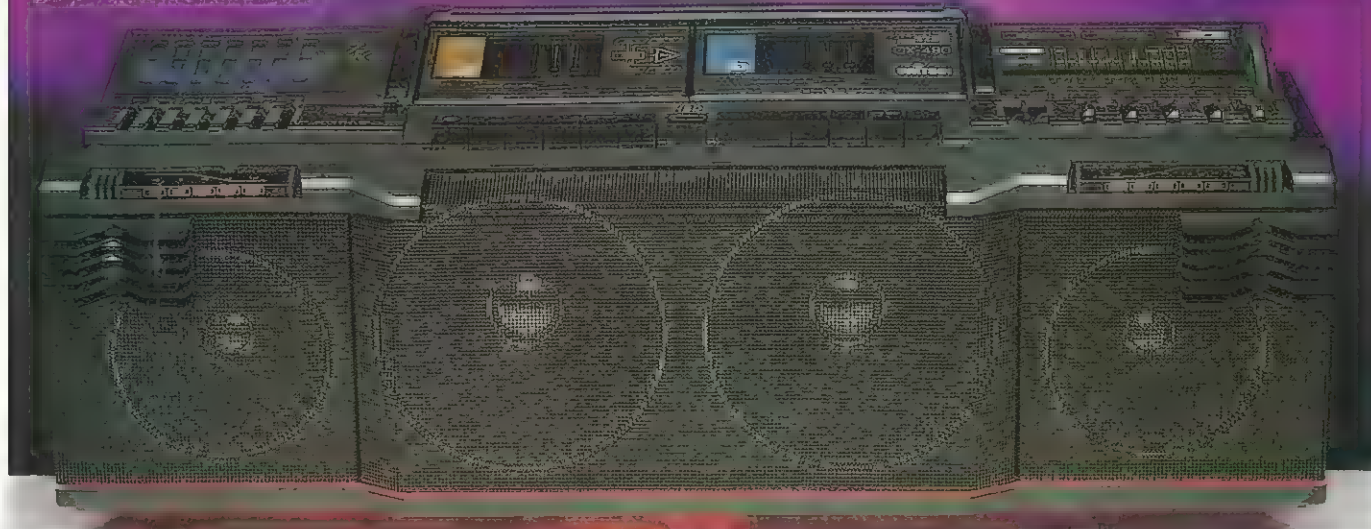
Technical Information... 1-800-272-3200

Any Other Inquiries... 1-800-423-2866

8200 Remmet Ave., Canoga Park, CA 91304



**\$99<sup>90</sup> EARTHSHAKER**



# Crooning Titan Plus

***You'll experience melodious but thunderous sound at home or on the road from this bi-amplified audiophile portable with subwoofer, 7-band equalizer and dual high speed dubbing cassette decks.***

It's rich. It's deep. And it's powerful. This portable has the sound and features you'd expect from home stereo.

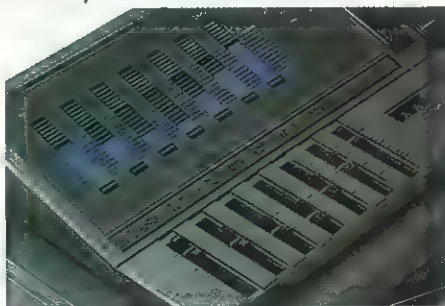
In fact, when you are at home or at the office, it makes a great second stereo system, with its rich thundering bass and vibrantly alive highs.

You'll have superb sounding FM stereo, AM and sequentially playing cassettes. **COLOSSAL SOUND**

Forget boom box sound. Now you can have bi-amplified, equalized and enhanced deep bass sound wherever you are.

**The Equalizer.** Most portables have 'Tone' controls or, at best, some have bass and treble controls.

Now you can infuse your bass with life at 50hz for the very low bass and at 100hz for mid-low bass. String basses, drums and orchestral crescendos will literally throb with life.



Cymbals, or brushes on a snare drum, will take on life and excitement as you boost this equalizer's 15,000hz control.

And best of all, you won't make your favorite singer's voice sound raspy when you boost the highs or muddy when you boost the lows, because an equalizer lets you sculpture just the areas of the frequency spectrum you want to enhance.

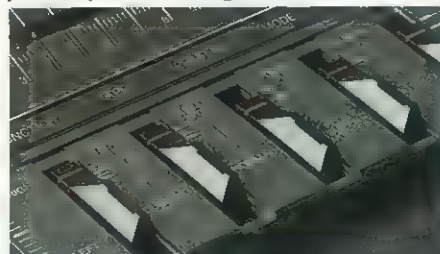
The 7-band EQ lets you sculpture the sound at 50hz, 100hz, 300hz, 1,000hz, 3,000hz, 7,000hz and 15,000hz.

**Thundering Subwoofer.** Just switch in the separate electronically crossed-over amplifier & 'super woofers' to add earthshaking depth and fullness.

By separately amplifying (bi-amplifying)

the low bass, and not letting it clip (overload) the left and right channel amplifiers, you can maximize the acoustical detail of your mid-range and high-end sound while you infuse your bass with life.

Because this electronic crossover allows some frequencies as high as 400hz to reach the mid-range amplifiers, it may be pushing credibility to call it a true subwoofer. But, you'll be amazed at the power, punch and tightness of the bass.



## **EVEN BIGGER THAN IT LOOKS**

The speakers across the front provide a continuous 22½" wall of sound. The woofers in the center don't affect stereo separation, because very low frequencies are totally non-directional.

The outer mid-range speakers produce clean, solid mid-range that will let you enjoy your favorite music without coloration. And outermost, are the powerful piezo tweeters which widen your perception of stereo and produce crystal clear, vibrant highs.

## **ALL THE MUSIC**

Powerful AM and FM tuners with a large slide rule dial, let you pull in even distant stations. At home or away, you're going to have great reception.

**Dual Cassette Decks.** Now you can copy cassettes at normal or high speed. Now you can listen to one cassette and then another, automatically.

The twin decks in this portable are perfectly matched for great sounding recording and playback.

You can make great sounding recordings from its built-in tuners or from its built-in mike. You can also plug in your own external mikes. You'll also have

One Touch Record, Auto-Stop, Automatic Level Control and a Tape Counter.



**And don't forget, these decks play sequentially.** Just put tapes in decks 'A' and 'B'. When the first tape is finished, the second tape will automatically begin.

You can operate this portable on AC (cord included), by standard D batteries (not included), or by 12V DC from your car (cord not included). It's made by Unitech and backed by their limited warranty.

## **A DUAL CASSETTE CROONING TITAN RISK FREE**

This silver-tongued music maker will amaze you with both its purity and its power. It's perfect for the bedroom, den, office or out in the yard.

If you're not 100% satisfied, simply return it in its original box within 30 days for a courteous refund.

To order Unitech's Crooning Titan Plus Portable with 7-Band Equalizer, Bi-Amplified Subwoofer, and High Speed Dubbing, Sequentially Playing, Dual Cassette Decks, risk free with your credit card, call toll free, or send your check for DAK's earthshaking price of just **\$99<sup>90</sup>** (\$7 P&H). Order No. 4637. CA res add tax.

Why be tied down to one room to listen to your favorite cassettes or radio stations? Now you can have really great sound and high speed dubbing anywhere in your home or in the great outdoors.



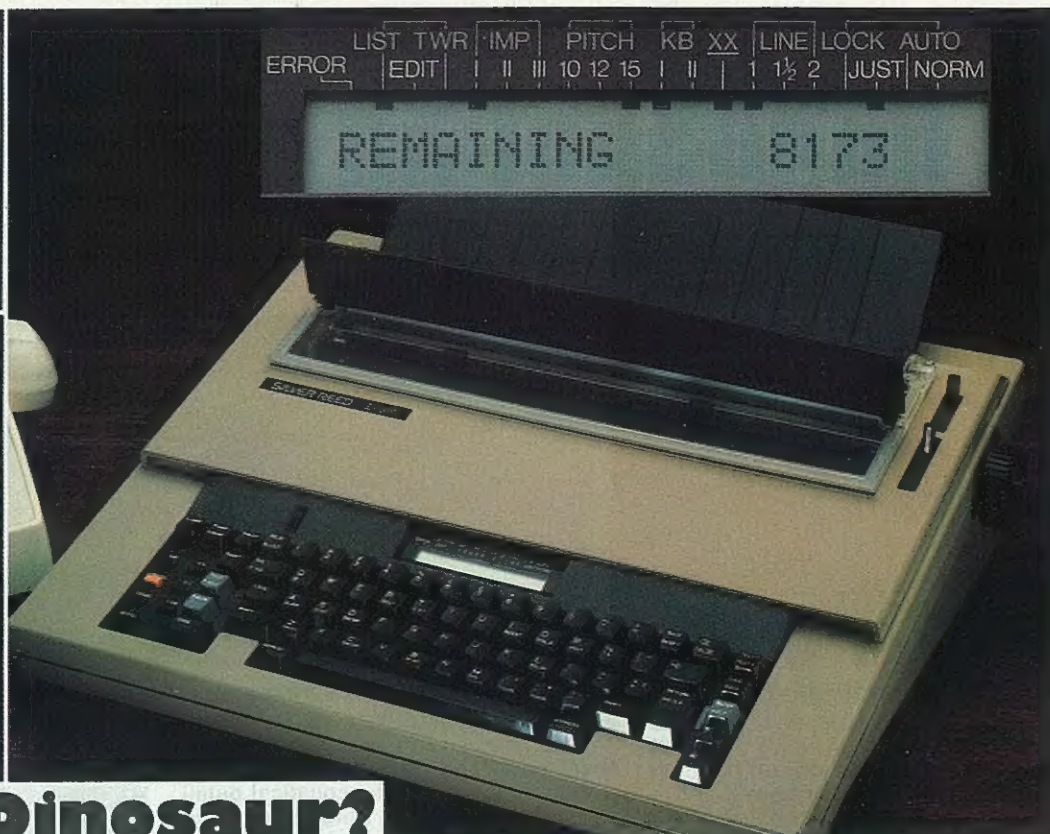
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8200 Remmet Ave., Canoga Park, CA 91304





## Office Dinosaur?

*If you thought typewriters were dinosaurs as I did, you're in for a big surprise. Here's a full size office typewriter that seems to have answered the question about 'the missing link'. It's a DAK blowout for just \$399.*

By Drew Kaplan

I'm amazed. I can't believe that I'm impressed by a typewriter. But, then, wait till you see what this one can do.

When you come in each morning, just enter the date once. Then touch a button each time you type a letter and the date will be automatically typed for you.

Then, once you've typed Sincerely, DAK Industries, Inc. etc., into this typewriter, all you need to do is touch another memory button to end all your letters.

This typewriter will hold up to 54 'phrases' in its memory which, of course, is battery backed up.

### GREAT TYPEWRITER

If this typewriter is beginning to look like a computer in typewriter's clothing, you're not far off. It has an 8000 character memory. So, you can enter letters, make corrections and play them out.

This typewriter will automatically justify your text. So, it's great for newsletters, instruction manuals or just great looking letters. Just a touch of a button lets print out justified or normal text.

You can switch from justified to normal text each time you play out the copy. Or, you can use justified or normal text when you are simply typing letters.

### ALL THE BUTTONS

You'll love the feel of this heavy duty productivity machine. It was designed for heavy 'typing pool' use. But at DAK's price, you can even use it at home.

If you type many bills or numbers, it will automatically set up columns in several ways for you. One way even aligns the decimal point so that you can type in, automatically aligned, dollar figures.

You can 'center' type or align it to the right so that every line is 'flush right'. And, an electronic button lets you select 10, 12 or 15 characters to the inch.

Another button lets you choose 1, 1½ or 2 line spacing. And, this typewriter even loads itself. Just put the paper at the back, pull the load lever, and you'll be at your first typing line. Wow!

Touch another button and you will underline words automatically. Another button lets you automatically indent whole paragraphs and yet another lets you type subscripts and superscripts.

### DREW'S FAVORITE PART

I type 90 words per minute. But, that's text. For forms such as invoices or air bills I might as well use two fingers.

Well, no more! You can store up to 10 formats in this typewriter. So, if you type invoices, or air bills, or statements, now you can do it automatically. This typewriter will position itself in the correct location for each piece of data that you have to enter. It's quick. And, it's easy.

### GIANT MEMORY

You can store up to 8000 characters, which is great because you'll never have to retype a letter again. It has 'Search', so you can automatically find an error.

It feels like a typewriter. It types like a typewriter. And, it even uses standard daisy wheels and poly ribbon cartridges.

It has a 16 character display which lets you see to make corrections and communicate with its special features. And, in the picture above, you'll see that little black squares show you just which functions you have activated.

But remember, this is primarily a top of the line superb office typewriter (not just office quality, real office). It is 19" wide, 16¾" deep and 6" tall.

### NEVER ENDING STORY

It has automatic carrier return, automatic centering (3 ways), automatic correction (2 lines), automatic underline, column layout, decimal tabulation, ex-

press key, index/reverse index key, memory list, operator help key, overlay, page end command, paper insertion/ejection, paragraph indentation, pre-programmed operator prompts, printing from a point, print-test mode, relocation, repeat key, request function, right alignment, right margin justification, scroll by line, search, and vertical tabulation for forms.

The list goes on and on. Don't be intimidated. You can simply turn it on and type a letter. But, as you start to use each of its automated functions, you'll find you save time and drudgery. It's made by Silver Reed and backed by their standard limited warranty.

### SUPER OFFICE PRODUCTIVITY RISK FREE

You'll be amazed how good your letters and reports will look with the extra pizzazz that justification, or right alignment can give. You'll produce reports in just a few minutes that would normally take hours to lay out and plan.

If you're not 100% satisfied, simply return it in its original box within 30 days for a refund.

To order your Silver Reed Heavy Duty Office Typewriter that does all of the things above and much more, for your home or office, risk free, call toll free or send your check for DAK's limited close-out price of just \$399 (\$12 P&H) Order No. 4449. CA res add tax.

Standard poly ribbon cassettes are just \$6 (\$1 P&H) Order No. 4629. Lift Off Correction Rolls are just \$2 (\$0.50 P&H). Order No. 4630.

### FINAL CLOSE-OUT NOW JUST \$299<sup>90</sup>

Use Order No. 4449 Plus (\$12 P&H)  
The power of a computer with the ease of a typewriter on final close-out. Wow!



# Weird Music?

*Now you can listen to music that's coursing through the AC wiring system of your home. It's exciting. It's soothing. It's vibrant. And, it's all around you.*

By Drew Kaplan

No, I don't want you to listen to the 60 cycle hum of your AC power. No, I don't want you to listen to a 120 volt blast.

But, if you're like me you're going to find that this 'Weird Music' is really going to end musical frustration. And frankly, I've been frustrated.

As you might expect from reading my catalogs, I have 4 complete music systems in my home, and a very large collection of records, cassettes, open reel tapes and CDs.

One reason I'm frustrated is because I can't listen to my open reel tapes unless I'm at one of my two main systems.

And, if I'm on the patio, in the kitchen, or in the garage, I'm relegated to AM, FM or cassettes on a pocket stereo or portable.

And frankly, I've never taken the time to transfer all my albums, open reel tapes and CDs to cassettes. So, I haven't been able to listen to what I want where I want.

## WELL, NO MORE

It may seem weird to plug a speaker into an AC outlet, but a new technological breakthrough has allowed me to listen to **any** music I choose from my best stereo, **anywhere** in my home.

The music (or speaking) is transmitted through the AC wiring in my home.

So, instead of running speaker wires all over my house, I just plug in a speaker wherever I want rich, room filling sound. I really like it. I had always wanted to have wireless speakers in my living room because my wife hates having me run wires everywhere.

In the dining room, we can have uninterrupted music from one of my auto-reverse cassette decks 'piped in' while we entertain guests.

In the bedroom, now I can listen to my old open reel tapes. And in the garage, I can use the continuous programmable playback from my CDs. Of course, my system can transmit AM or FM too.

## NOT STEREO AND PROBLEMS

It's not a perfect system. But, you'll be shocked by the magnificent rich sound.

And, installation consists of simply plugging its cable into the left and right tape jacks of your receiver and plugging in the AC power transmitter.

**It will have no effect whatsoever on your stereo system.**

**NOTE:** Don't worry about your tape jacks. Extra jacks are provided so you won't lose the use of your tape jacks.



But, it's not stereo. It combines the signals from the left and right channels



and transmits a combined signal through-out your home's electrical system. So, you'll enjoy full rich music anywhere.

You can plug in as many 2-way speaker systems as you wish. And, you can plug them in anywhere in your home, or office, that you'd like vibrant, room filling music.



The 9½" X 4¾" X 6" speakers will knock your socks off with their rich full sound. A 4½" woofer combined with an acoustically designed cabinet really belts out the bass, while a 2½" tweeter easily matches the high frequency response of most traditional speaker systems.

**A word about noise.** You can virtually forget it. This system is virtually noiseless. It operates on VLF (Very Low Frequency) FM that is virtually unaffected by noisy motors and fluorescent lights.

It will, however, react to wireless intercoms and the BSR's X10 remote control system that we sell. But, the reaction is momentary and not too bothersome.

So, in short, although it's not stereo (you can put two speakers in a room), it's a fabulous sounding way to listen to your favorite music wherever you are.

## IT'S PORTABLE

Installation of the speakers consists of simply plugging them in. Then you can adjust their On/Off volume controls.

Each even has a handle on the back so you can take them out to the garage, the patio or even to unattached barns.

As long as you're on the same side of the AC transformer (most houses are), virtually any plug in your home should be a source of your favorite vibrant music.

It's made by Universal Security and backed by their limited warranty.

## NON-WEIRD MUSIC EVERYWHERE RISK FREE

Wait till you hear the quality and depth of the sound. Wait till you listen to your favorite music in the bathroom, guest room, laundry or bedroom.

If you're not 100% satisfied, simply return it in its original box within 30 days for a courteous refund.

To order your Wireless Music System complete with Transmitter, Cables and a 2-Way Speaker System risk free with your credit card, call toll free, or send your check for DAK's breakthrough price of just \$69<sup>90</sup> (\$6 P&H). Order No. 4631.

You can add as many extra, Dramatic Sounding 2-Way Powered Speakers as you wish. Each is just \$49<sup>90</sup> (\$4 P&H). Order No. 4632. CA res add tax.

It's big sound wherever you are. Don't just expect boom box quality. You'll have rich deep bass and clean highs. And, best of all, you'll have your favorite music.



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8200 Remmet Ave., Canoga Park, CA 91304



# Hiss Assassin

## Price Slashed

DAK Sold Thousands Without Bonus dbx LPs At \$99

### NOW \$59<sup>90</sup>

dbx has a problem. Their NX40 tape noise reduction system can give your cassette deck a signal to noise ratio of up to 85db. And even more important, an astounding dynamic range of up to 90db.

Using dbx is just about the only way to capture the brilliance of CD disks on cassette. And there-in lies the problem. dbx also made audiophile records that were very close to the specs of the CDs. But frankly, CDs are sweeping the market.

Enter DAK. If you look at the tape noise reduction system to the right, you'll notice that it **ALSO** has a dbx disc (LP) decoder button. And, since dbx isn't going to make any more LPs, they don't want to sell this tape unit with the disc button.

So, DAK bought 8000 of these incredible noise reduction units and we bought enough dbx encoded LPs to give you 2 bonus LPs with each noise reduction unit. Wow, the NX40 for \$59.90 including 2 dbx LP albums of assorted music. (The dbx albums sold for about \$12 each.)



These albums will give you a preview of the sound you can expect from a CD before you buy one for your system. And the LPs will give you a use for the otherwise useless disc button. But, wait till you hear the cassettes you will make on your own recorder when you record with dbx. The NX40 and 2 assorted dbx encoded LPs, are yours for just **\$59.90** (\$4 P&H) Order No. 4285. Wow!

#### HERE'S HOW OUR AD APPEARED

Don't make your music loud, make it thunder. Don't make it just soft, make it whisper. dbx brings the excitement and emotional impact of a live performance to your stereo system.

dbx is a two-part system. Not only does it "for all audible intents and purposes eliminate tape hiss", it also increases the overall dynamic-range capacity of your cassette deck, letting you record both louder and softer sounds.

Dynamic range is the difference in volume between the softest and the loudest passages in your music, and it's the



key ingredient in the drama and impact of live music.

#### FANCY NAMES

It's called Linear Decibel Companding. And basically, it compresses the dynamic range as the music signal is transferred onto tape or disc by a 2 to 1 ratio. And, it does the same thing in reverse when a tape is played back.

So, you'll get full unrestrained unconstricted sound, because your tape isn't being pushed to its limits. Only half the normal signal strength is recorded.

And with dbx discs, where the record groove could only handle up to 65db of dynamic-range for audiophile records, and 50-55db for standard records, now both tape and records can achieve up to 90db of dynamic range for an absolutely thrilling sound.

So, for recording your own audiophile quality cassettes or playing back dbx discs or cassettes, your system can now produce incredibly dramatic sound.

#### BUT, IT'S A HISS REDUCER

The dbx system gives you over 30db noise-reduction over the whole 30-15,000hz audible frequency spectrum, not just at the mid to high end like the competition. The difference in the hiss you won't hear is dramatic. And, it's easy to test. Just compare a cassette you record with 'their' system to the same tape recorded with dbx.

It's no wonder that dbx tape noise-reduction systems are used in about 80% of the professional recording studios

around the world. It really works.

#### SO, HERE IT IS

The new dbx NX-40 will assassinate tape hiss as you record and play tapes. It will let you achieve live performance quality, and dynamic realism.

And, best of all, you don't have to buy a new cassette deck to use it. It simply plugs into your system between your receiver and your tape deck (after an equalizer, if you have one).



And, it will start giving you incredibly dramatic sound against a background of complete silence. It comes complete with patch cords and a standard limited warranty from dbx.

#### TRY THE HISS ASSASSIN RISK FREE

Yes, it's a hiss assassin. And yes, you'll have more dynamic range. So, bring dramatic, hiss free sound to your stereo risk free. If you aren't 100% satisfied, simply return it in its original box within 30 days for a courteous refund.

To order your dbx Noise Reduction System risk free with your credit card, call toll free or send your check for only ~~\$99 (\$4 P&H) Order No. 9747.~~

Now your own tape deck can give you hiss free, dramatically dynamic sound.



**ORDER TOLL FREE**

FOR CREDIT CARD ORDERS ONLY

Call 24 hours a day 7 days a week

3 2 5

**1-800-DAK-0800**

SEE BELOW FOR INFORMATION CALLS



Call 6AM to 5PM Monday Through Friday Pacific Time

Technical Information Only. 1-800-272-3200

Any Other Inquiries. . . . . 1-800-423-2866



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## Computer Power Director



**Protect your computer and 5 peripherals from spikes, turn everything on and off from the front & swivel your monitor.**

By Drew Kaplan

It's great. Now you don't have to reach around the back of your computer to turn it on. And not only can you turn on each peripheral separately, you can turn them all on or all off with one switch.

**But there's more.** This all new Power Director is much more than just a fancy 'octopus' that supplies you with 6 outlets to get rid of cumbersome tangled cords.

It aids in the prevention of damage caused by voltage surges and spikes. It then goes on to filter your AC to help protect your equipment and data from line noises caused by power disturbing air conditioners, refrigerators and the like.

**And look at this.** It protects your equipment from itself. There are 4 separate filtered sections. So, your computer will be protected from your printer, modem or other peripherals.



### BUT IT'S CONVENIENT

There are 6 protected 3-wire outlets

on the back. 5 are switched from the front. One is unswitched but spike protected so you can leave a peripheral on.

Each of the 5 switched outlets has a non-glare status light so you know what's on. Push a button for on/off control.

You can swivel the monitor from side to side. So, if you have a separate keyboard, you can really type in comfort.

Above, you can see The Power Director between the Visual IBM® Compatible Computer and its monitor. It is 1 3/4" high, 13 3/4" wide and 12 3/4" deep.

**You can use it with virtually any computer.** (It can hang off the back up to 3 1/2 inches with no problem.) It's a perfect combination of convenience and protection for your computer system. It's backed by a limited warranty.

### PROTECTION & CONVENIENCE RISK FREE

I've only had my data wiped out once by a power surge. But, I had over 2 hours of irreplaceable 1st draft copy in my computer when it happened.

Now, I'm using my new Power Direc-

tors with 4 different computers. With this added protection, maybe I won't lose data again. And, I've learned to save my data much more often since my loss.

If you're not 100% satisfied, simply return it to DAK within 30 days in its original box for a courteous refund.

To order your 6 outlet Power Director with Spike Protection, Line Filtering, Circuit Breaker and a 10' 3-wire grounded power cable risk free with your credit card, call toll free or send your check for DAK's blockbuster price of just \$79 (\$6 P&H). Order No. 4623. CA res add tax.

I like the convenience. It's something that helps me every day. But, I'm thrilled with the added protection. If it even helps once, it's worth many times the cost.



**DAK INDUSTRIES  
INC.**

Call Toll Free For Credit Card Orders Only  
24 Hours A Day 7 Days A Week

**1-800-325-0800**

For Toll Free Information, Call 6AM-5PM Monday-Friday PST  
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